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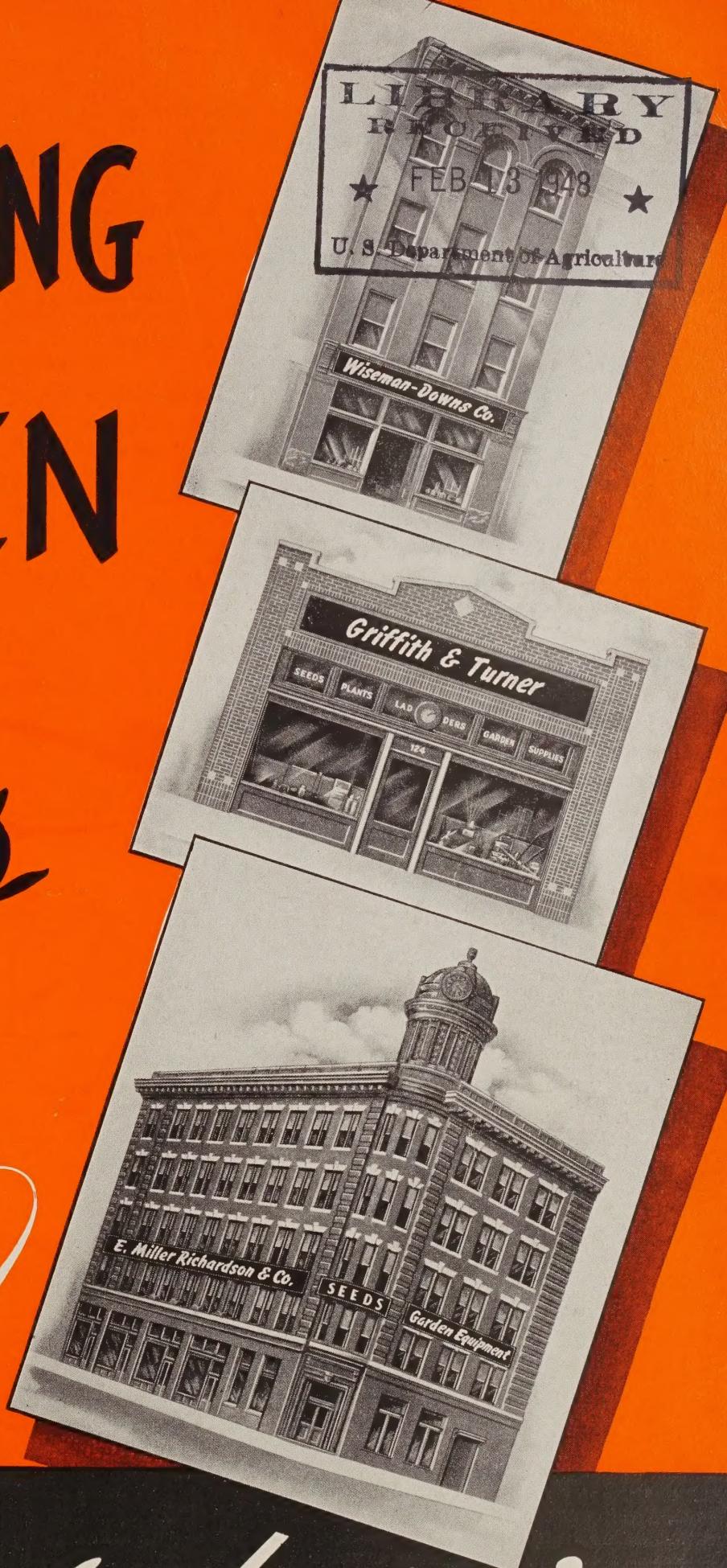
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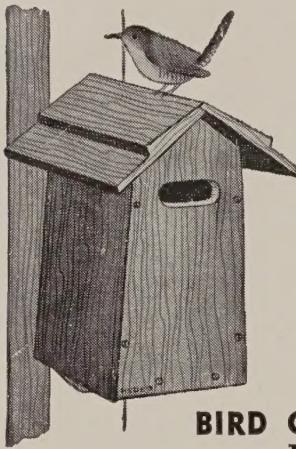
EVERYTHING FOR THE GARDEN

3 Stores



Richardson's
GARDEN BOOK • 1948

**Visit our stores and make your selection from
the many styles on display.**



The perfect gift to commemorate any day, event or occasion is a **Hydhome-Hydfeeder-Hydfood**, suitable for one of any age—for any purpose, purpose or taste. Such a gift will be remembered long after the day, event or occasion is forgotten.

All prices f. o. b. Baltimore.

THE WREN No. V1

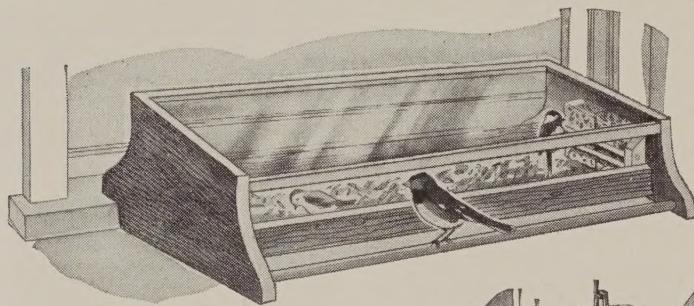
For House or Bewick's Wren.
Weight 3 lbs.....Price \$2.95

BIRD CAFE No. W25

No. D119,588

The glass top protects food from snow and rain. Very roomy, easily attached from inside—the house attracts many birds—aged and shut-ins enjoy them. Stained nice woodsy brown. Height 8 in.; depth 16 in.; length 24 in. Contains Cake Holder and Seedhopper. Weight 11 lbs. Price

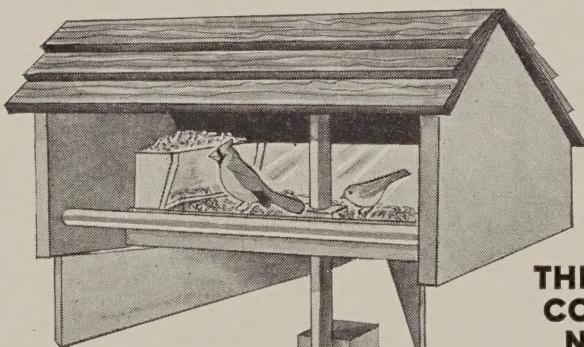
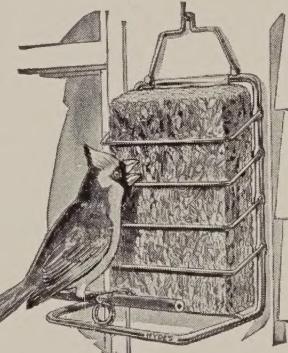
\$5.95



THE GRIDIRON No. G1

Made of rust-resistant metal, and is an ideal feeder for Cardinals, Blue Jays, Cat Birds, Mocking Birds, etc. Squirrels despise it. Bird lovers endorse it. Individually boxed.

G1—Filled with Bird Snack (SS1), weight 2 lbs. \$1.50 Extra Snack or Cakes, 40c; 6 for \$2.00; 12 for \$3.75. Weight $\frac{1}{2}$ lb. each.



THE CAPE COD INN No. R3

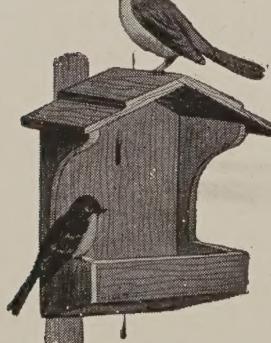
This spacious revolving Feeder is a reproduction of Cape Cod Cottage, sparkling white with green roof. Easy to install on any post. Vanes keep glassed-in front faced toward the wind and weather, protecting the interior. With seed hopper and cake holder. 16 by 23 inches. Weight 18 lbs. Price

\$12.95

No. R3S. Same as R3 except stained brown \$10.50

THE ROBIN No. V4

For robin, Phoebe, Song Sparrow or Barn Swallow. These birds prefer a shelter. Weight 4 lbs. Price.....\$2.95



No. V3



Suet Cake

THE CHICKADEE No. V2

For Chickadee, Nuthatch, Downy Woodpecker, Carolina Wren or Titmouse. Weight 3 lbs.....Price \$2.95

THE BLUEBIRD No. V3

For Bluebird, Tree or Violet Green Swallow. Weight 3 lbs....Price \$2.95

COMMUNITY DINER

Aerial Picnic Grounds for Clinging and Perching Birds i.e., Chickadees, Nuthatches, Woodpeckers, etc., and Juncos, Song Sparrows, Rose-Breasted Grosbeaks, Catbirds, Mockingbirds, Purple Finches, etc.

No. C—DD filled.....\$1.50

No. CDE—Filled and 24 extra Tidbits

(CT 24)\$2.45

Both gift boxed. Weight $2\frac{1}{2}$ lbs.

Refill same as for festive board W1.

FESTIVE BOARD No. W1

Ready to use window sill feeder at an unbelievably low price. Filled with 12 Tidbits. 24 inches long. Weight 2 lbs. Boxed

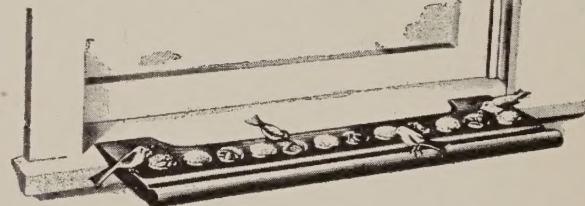
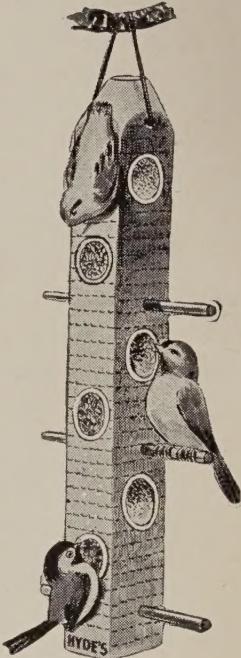
Price \$1.50

Tidbit Refills—

Box of 24\$1.15

3 boxes for3.25

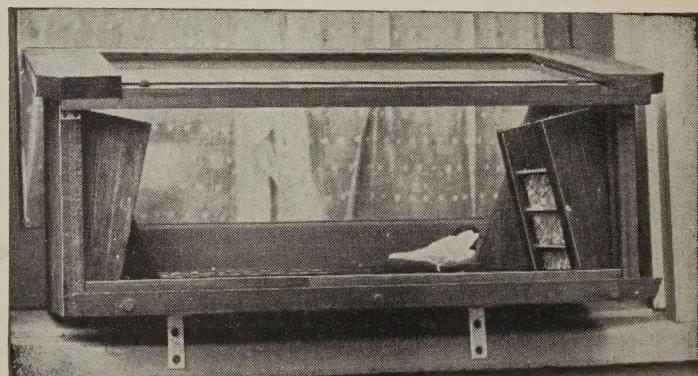
6 boxes for6.00



BIRD-HOUSE AND FEEDERS

No. 80	Robin Shelter	\$1.75
No. 59	Bluebird House	2.00
No. 76	Wren House	1.75
No. 77	Feeder	1.35
No. 83	Wren House	2.75
No. 84	Wren House	2.75
No. 85	Feeder	1.75
No. 89	Feeder	1.75
No. 101	Suet Rack ..	1.25
No. 104	Seed Feeder	2.75
No. 113	Wren House	1.50
No. 114	Bluebird House	1.50
No. 115	Wren House	1.50
No. 115-A	Suet Rack with Cake	1.25
No. 124	Skylight Window Feeder	4.25
No. 215	Nesting Material and Rack	

Wild Bird Feed and Sunflower Seed at Market Prices
Suet Cakes, Each. 40c



No. 124 Skylight Window Feeder

Flower Seeds



Long Spurred Columbine

ACERATUM Annual (Floss Flower)

One of the best bedding plants, being literally a sheet of color all summer.

Blue Cap. Large, rich blue flowers in dome-shaped heads. Height, 8 inches. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

Blue Perfection. Deep blue flowers. Compact grower. Height, 9 inches. Pkt. 10c; $\frac{1}{4}$ oz. 65c.

Little Dorrit, Blue. Flowers bright blue. Used largely for edging. Height, 6 inches. Pkt. 10c; $\frac{1}{4}$ oz. 70c.

ALYSSUM Annual

Carpet of Snow. Pure white. 3 inches high. A favorite for edging. Pkt. 10c; $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 50c.

Lilac Queen. Deep lilac. Height, 6 inches. Pkt. 10c; $\frac{1}{4}$ oz. 65c; $\frac{1}{2}$ oz. \$1.00.

Little Gem. Small white flower. Plants about 4 inches high. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 45c.

Sweet (A. maritimum). Plants of trailing habit, covered with pure white, sweet-scented flowers all summer. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 30c.

AMARANTHUS Annual (Summer Poinsettia)

Annuals with brilliant foliage, growing from 3 to 5 feet high. Plant in hot, sunny location.

Molten Fire. Best and showiest. Bronze foliage tipped with fiery scarlet. Pkt. 10c; $\frac{1}{4}$ oz. 65c.

Tricolor (Joseph's Coat). Yellow, red and green foliage. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

ANCHUSA

Annual

Bluebird. Dwarf, compact type, about 15 inches high, with indigo-blue flowers. Pkt. 10c; $\frac{1}{4}$ oz. 45c.

Perennial

Italica, Dropmore Variety. Large, gentian-blue flowers the entire summer. Height 4 feet. Pkt. 10c; $\frac{1}{4}$ oz. 45c.

ANEMONE Perennial (Windflower)

St. Brigid. Both double and semi-double flowers in May and June. Should have winter protection. Height, 1½ feet. Pkt. 15c.

ANTIRRHINUM Annual (Snapdragon)

An easily grown annual which blooms through summer and fall. Height, 2½ feet.

Giant-Flowering Tall Varieties

(Rust-Proof)

A new disease-resistant strain which anyone can grow safely.

Apple Blossom. Rose-pink.

Canary Bird. Yellow.

Copper Shades.

Crimson.

Alaska. White.

Loveliness. Rose-pink.

Each, pkt. 10c; 1/16 oz. 40c.

De Luxe Mixture. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

ANNUALS live and bloom only one season.

BIENNIALS will live two seasons; sometimes blooming only the second season.

PERENNIALS tend to live from year to year. Seeds of perennials should be sown in late summer and covered well during winter.

Fine seeds can be sown indoors or in cold frame, and transplanted to the open the latter part of April.

AQUILEGIA Perennial (Columbine)

Graceful plants that bear a profusion of flowers in early summer. Will grow in shade or sun.

Giant Long-spurred, Blue Shades. All the shades of light and dark blue. Pkt. 15c; $\frac{1}{8}$ oz. \$1.00.

Giant Long-spurred, Pink Shades. All the shades of light and dark pink. Pkt. 15c; $\frac{1}{8}$ oz. \$1.00.

Crimson Star. New. Rich crimson sepals and spurs in contrast to the white petals. Pkt. 15c; 1/16 oz. \$1.00.

Giant Long-spurred, Improved Varieties, Mixed. Includes all colors. Flowers are extra large, and the spurs very long. Pkt. 15c; $\frac{1}{8}$ oz. \$1.00.

Richardson's
Griffith & Turner's
Wiseman-Downs'

Basket of Gold

Perennial

(Alyssum saxatile compactum.) Bright yellow flowers from April to June. Height, 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 65c.

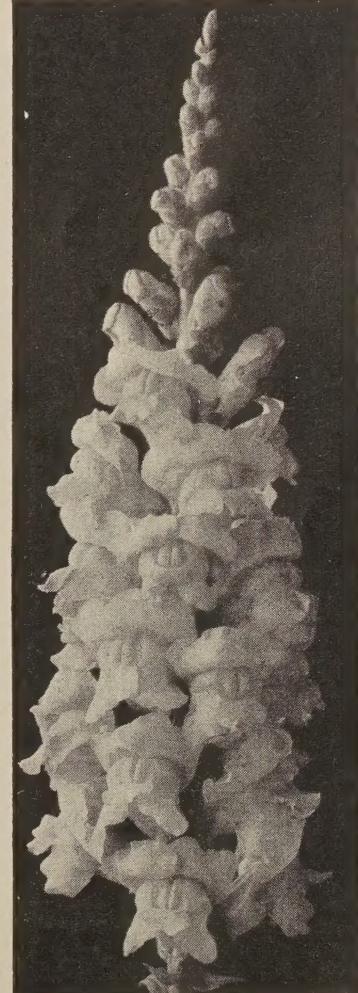
ARABIS Perennial (Rock Cress)

Alpina. Showy border and rockery plants, with a mass of white flowers in April. Height, 6 inches. Pkt. 10c; $\frac{1}{4}$ oz. 75c.

ARCTOTIS Annual (African Lilac Daisy)

Grandis. Large flowers, pure white on upper surface, lilac-blue beneath. Blooms from July until frost. Height, 2 to 3 feet. Pkt. 10c; 1/16 oz. 40c.

Hybrids, Autumn Shades. Bright daisy-like flowers throughout the latter part of the summer and until frost. Colors in typical autumn tones. Pkt. 10c.



Snapdragon Giant Rust Proof

Richardson's
Griffith & Turner's
Wiseman-Downs'

FLOWER SEEDS

(Continued)

ASTERS Annual

Early Blooming Varieties

Early Beauty. Wilt-resistant. Plants grow from $2\frac{1}{2}$ to 3 feet high with long stems bearing large, double, globular flowers with incurved petals. Blooms in July.

Azure-Blue	Crimson	Purple
Carmine-Rose	Flesh-Pink	White
Mixed.	Each, pkt. 10c; $\frac{1}{8}$ oz. 45c	Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Midseason Blooming Varieties

Improved Giant Crego. Wilt-resistant. Large, double, well-formed flowers, 4 to 5 inches across, with long, ribbon-like petals, gracefully curled and twisted. Height, 2 feet.

Blue Flame	Enchantress	White
Crimson	Royal Purple	Mixed
Shell-Pink		

Each, pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c

BALLOON VINE (Love-in-a-Puff)

Annual

A rapid and free grower, reaching a height of 5 to 10 feet.
Pkt. 10c.

BALSAM (Touch-Me-Not; Lady's Slipper)

Annual

Double Camellia-flowered. Bushy plants 2 to 3 feet tall, with double blooms, $2\frac{1}{2}$ inches across, nestled close against the stem. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

BALSAM APPLE Annual

A splendid annual climber with graceful light green foliage, small yellow flowers.
Pkt. 10c.

BELLIS PERENNIS Annual

(English Daisy)

Little rosettes of dark green foliage. Short-stemmed double flowers. Double, Mixed. Pkt. 10c.

BLACK-EYED SUSAN

See Rudbeckia.

BRACHYCOME Annual

(Swan River Daisy)

A free-flowering annual about 1 foot high, covered with a profusion of blue, rose, and white, daisy-like flowers.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

CALIOPSIS

Very showy annuals of easy culture, blooming all summer. Do not transplant.

Tall, Mixed. Pkt., 10c; $\frac{1}{8}$ oz. 35c.

Dwarf, Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

COBEA Annual

Scandrens (Cathedral Bell). A rapid growing climber, lovely bell-shaped, blue flower. Pkt. 10c.

CANDYTUFT (Iberis)

The popular bedding and border plant, growing about 1 foot high.
Annual, Umbellata Type

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Perennial Varieties

Sempervirens. White. Evergreen foliage. Pkt. 10c; $\frac{1}{16}$ oz. \$1.00.

CARDINAL CLIMBER

Annual climber with fern-like foliage and clusters of small cardinal-red flowers. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

CAMPANULA (Canterbury Bells)

The Bellflowers are very interesting garden plants, embracing the annual, biennial, and perennial classes. Some are tall, others dwarf, but all are beautiful.

New Annual Campanulas

These new Canterbury Bells will bloom the first year.
Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Biennial Varieties

Calycanthema (Cup-and-Saucer). Large, single flowers resembling a cup and saucer. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 40c.
Medium, Single, Mixed (Canterbury Bell). Plants grow from 2 to 3 feet high, and bloom in June. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

CARNATIONS Annual

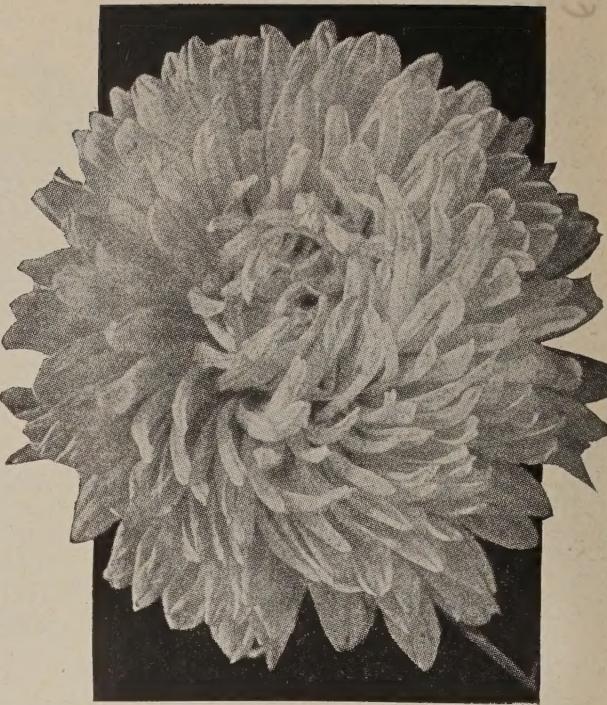
These fragrant flowers come into bloom in a few weeks from sowing and will survive an ordinary winter with slight protection. Height, $1\frac{1}{2}$ feet.

Giant Marguerite, Double, Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 85c.
Chabaud's Giant Double. Plants upright, bearing numerous large double flowers on long stems. Start the seeds indoors in boxes.

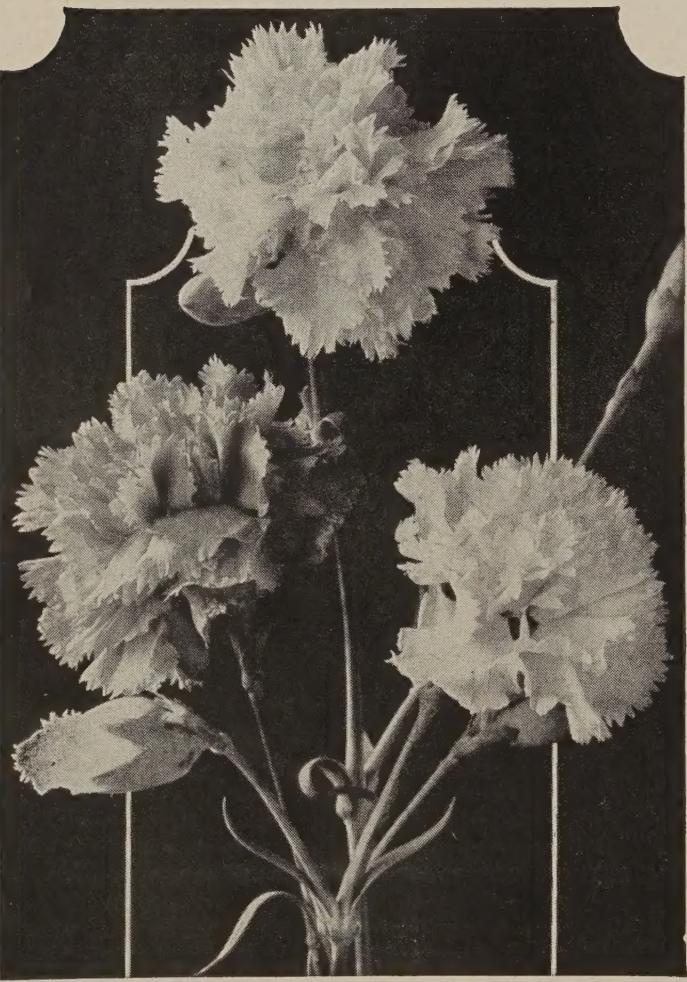
Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 55c.

CASTOR OIL PLANT Annual (*Ricinus*)

Red Spire. Foliage bronzy green. 6 feet. Pkt. 10c; oz. 40c.
Mixed. A select mixture of all colors. Pkt. 10c; oz. 20c.



Beauty Aster Wilt Resistant



Carnation Chabaud's Giant Double



Balsam Double Mixed

CHEIRANTHUS *Perennial* (Wallflower)

Allioni (Siberian Wallflower). Early flowering perennial Wallflowers with beautiful orange flowers. Height, 1 foot. **Pkt. 10c; 1/4 oz. 30c.**

COREOPSIS *Perennial*

Plants grow about 2 feet high and are covered with a mass of yellow flowers all during the summer.

Grandiflora, Single. Rich, golden yellow flowers. **Pkt. 10c; 1/4 oz. 25c.**

Grandiflora, Double, Sunburst. New, Double form of above. **Pkt. 10c; 1/4 oz. 25c.**

CORNFLOWER

See *Centaurea*

FLOWER SEEDS

(Continued)

Richardson's
Griffith & Turner's
Wiseman-Downs'

CELOSIA *Annual*

Childsi. A very valuable type with large flower heads which have the appearance of silky balls of wool. Crimson. **Pkt. 10c; 1/4 oz. 50c.**

Cristata (Cockscomb). These make a grand border and are also most attractive in pots. Rich deep crimson. **Pkt. 10c; 1/4 oz. 50c.**

Plumosa (Feathered Cockscomb). Fine for large beds or groups giving a wonderful effect until frost. Crimson. **Pkt. 10c; 1/4 oz. 50c.**

CENTAUREAS *Annual*

An extremely interesting class of annuals and perennials which are very popular.

Double Cornflowers (*Centurea cyanus*). These are also known as Ragged Robin, Ragged Sailor, Bachelor's Buttons, Bluet and Blue Bottle. **Pkt. 10c; 1/4 oz. 35c.**

Jubilee Gem. A dwarf, compact variety only 10 to 15 inches high, with double Cornflower-blue flowers. **Pkt. 10c; 1/4 oz. 30c.**

Finest Double Mixed. **Pkt. 10c; 1/4 oz. 35c.**

Candidissima. Silvery white leaves that are excellent for edging. **Pkt. 10c; 1/4 oz. 35c.**

COSMOS *Annual*

For garden decoration or long-stemmed cut flowers, Cosmos are unsurpassed. They are easy to grow and do best in poor soil.

Extra-Early Double Crested. Crested or anemone-shaped flowers.

Crimson, Pink, and White. **Pkt. 10c; 1/4 oz. 50c.**

Finest Mixed. **Pkt. 10c; 1/4 oz. 45c.**

True Early Mammoth Single. Crimson, Pink, and White. **Pkt. 10c; 1/4 oz. 25c.**

Finest Mixed. **Pkt. 10c; 1/4 oz. 30c.**

Late Mammoth Single. Crimson, Pink, White or Mixed. **Pkg. 10c; 1/4 oz. 30c.**

Orange Flare. Early-flowering; vivid orange flowers. **Pkt. 10c; 1/4 oz. 30c.**

Yellow Flare. **Pkt. 10c; 1/4 oz. 30c.**

CYNOGLOSSUM *Annual*

(Chinese Forget-Me-Not)

Large sprays of forget-me-not blooms all summer. Height, 1 1/2 feet. **Amabile, Blue.** **Pkt. 10c; 1/4 oz. 35c.**

CYPRESS VINE *Annual*

(*Ipomoea quamoclit*)

A popular vine with fern-like foliage and masses of star-shaped flowers.

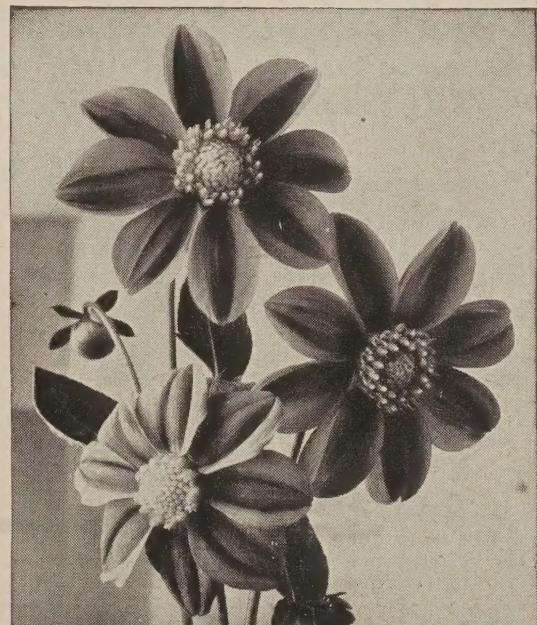
Mixed. **Pkt. 10c; 1/4 oz. 90c.**

DAISY AFRICAN
See *Arctotis*

DAHLIA SEED *Annual*

Single type which will bloom four months after planting. Splendid for bedding. Includes many fine colors.

Fine Single and Double Mixed. **Coltness Hybrids.** **Pkt. 10c; 1/4 oz. 50c.**



Dahlia Coltness Hybrids

Sensation, Pinkie. Large flowers, 4 to 5 inches in diameter, with broad, heavy, fluted petals which slightly overlap; produced within 8 to 10 weeks from time of sowing. Height, 3 to 4 feet. **Pkt. 10c; 1/4 oz. 35c.**

Sensation, Finest Mixed. Mammoth flowers with broad, heavy, fluted petals. Early flowering; bloom in 10 weeks from time of seeding. **Pkt. 10c; 1/4 oz. 35c.**

Sensation, Radiance (new). Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large well-defined zone of rich crimson. **Pkg. 25c.**

Cosmos Radiance

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

FLOWER SEEDS (Continued)



Delphinium Pacific Giants

DELPHINIUMS Perennial

The hybrid Delphiniums, with their massive spikes, are the aristocrats of the perennial garden, while the branching types are grand cut flowers. Seed can be sown any time from spring till fall.

Belladonna, Improved. Large, single flowers of clear turquoise-blue. Height, 3 to 4 feet. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Bellamoxum, Improved. Rich deep blue. Height, 3 to 4 feet. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Gold Medal Hybrids, Mixed. A choice mixture of the best varieties. Pkt. 20c; $\frac{1}{8}$ oz. 75c.

Pacific Giants. Massive spikes of bloom with very large florets. Excellent exhibition strain. Pkt. 25c; $\frac{1}{16}$ oz. \$1.50.

DIGITALIS (Foxglove)

Old-fashioned biennials, producing an abundance of long spikes of tubular-shaped flowers in June and July. Used in shrubberies and half-shady places. Height, 2 to 4 feet.

Giant Shirley, Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

DIDISCUS Annual

(Blue Lace Flower)

Showy lacy light lavender flower heads, borne profusely from July to frost. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

DIMORPHOTHECA Annual

(African Golden Daisy)

Aurantiaca Hybrids, Mixed. Large flowers in shades of yellow, orange, and rich salmon. Height, 15 inches. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

DOLICHOS (Hyacinth Bean)

Dolichos. Has large heart shaped leaves and lovely purple-violet flowers. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

DIANTHUS (Pinks)

These include some of the most beautiful flowers in cultivation, in a great variety of brilliant colors. About 1 foot in height.

Hardy

Perennial Varieties

Plumarius, Double, Mixed (Clove Pink). Double, fringed flowers in many colors; very sweet scented. Height, 1 foot. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Plumarius, Single, Mixed (Pheasant's Eye). Large, single, fringed flowers of many colors. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

FOUR O'CLOCK Annual

Marvel of Peru. Flowers remain closed till late afternoon, hence the name. Red, Yellow, and Striped. Mixed. Pkt. 10c; oz. 40c.

FEVER FEW Annual (Matricaria)

Golden Ball. Compact for edging, very bright yellow button-like flowers. Pkt. 10c; $\frac{1}{16}$ oz. 35c.

Snowball. (HP) small double white blooms, height 24 in. good cutting flower. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

GERBERA Perennial (Transvaal Daisy)

New Giant Hybrids. Large, Daisy-like flowers on long stems. A wide range of colors—pink, rose, orange, and scarlet. Height, 15 inches. Pkt. 25c.

GAILLARDIA (Blanket Flower)

Annual Varieties

Easily grown plants that bloom quickly from seed and produce an abundance of showy flowers. Height, 1 $\frac{1}{2}$ feet.

Indian Chief. Single, large, glistening bronze-red blooms with dark brown centers. Blooms all summer. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Double Mixed. A selected mixture of the double types in various colors. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Single Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Perennial Varieties

Finest Mixed. Fine large flowers, good color range. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

GEUM Perennial (Avens)

Compact plants with showy flowers throughout the summer. Height, 1 $\frac{1}{2}$ feet.

Lady Stratheden. Large; double; golden yellow. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Mrs. Bradshaw. Large; double; orange-scarlet. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

Prince of Orange. True orange. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

GODETIA Annual (Satin Flower)

Attractive, hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture, in many rich and varied colors. They do best in a rather poor soil. 1 foot.

Sybil Sherwood. Bright, salmon-pink, softened by an indefinite edging of white. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Dwarf Single Exquisite Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

ESCHSCHOLTZIA

(California Poppy)

Profuse-blooming annuals with gorgeously colored flowers from early summer to frost. Sow where they are to bloom. Height, 1 foot. Mixed Colors. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

FORGET-ME-NOT

(Myosotis)

One of the most admired of our spring flowers. Very effective when grown in masses.

Alpestris, Blue. Annual. Rich blue flowers in April. Height, 9 inches. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

FLOWER SEEDS

(Continued)

GLOBE AMARANTH Annual (*Comphrena*)

An everlasting, with beautiful colored flowers resembling clover-heads. They retain their color and are lovely in winter bouquets.
Mixed Colors. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

GOARDS Annual

An interesting annual climber with ornamental foliage and curiously shaped fruit. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

GYPSOPHILA (Baby's Breath)

Free-flowering annuals and perennials

Annual Varieties

Elegans rosea. A delicate rose shade. Pkt. 10c; $\frac{1}{2}$ oz. 50c.
Grandiflora. Pure white, extremely large flowers. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Perennial Varieties

Paniculata. A hardy perennial that will bloom the first year if sown early. White flowers. Height, 3 feet. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

HELICHRYSUM Annual (Strawflower)

The most popular of the Everlastings.

Finest Mixed. All colors. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

HELIOTROPE Annual

A delightfully fragrant tender perennial that is used as an annual bedding plant. Flowers during the entire season. Height, 1½ feet.
Mixed. Pkt. 10c; 1/16 oz. 35c.

HIBISCUS Annual

Marshmallow. Grows from 5 to 8 feet tall and blooms from early July until frost. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

HOLLYHOCKS Biennial

One of the most stately of hardy plants, growing 5 to 7 feet high.

Charters Double. Maroon, Newport Pink, Orange, Scarlet, White, Yellow.
Each Pkt. 10c; $\frac{1}{2}$ oz. 35c.
Finest Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 35c.
Single Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

HONESTY Perennial

(*Lunaria*)

Extensively used for house decoration. Pkt. 10c.

KOCHIA Annual

Trichophylla (Burning Bush). Also known as "Summer Cypress." The bright green foliage changes to brilliant colors in fall. Pkt. 10c; $\frac{1}{2}$ oz. 20c.

LANTANA Annual

Verbena-like heads of many colored flowers, 2 to 3 feet high. Seed is slow germinating.

Finest Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

LARKSPUR Annual

One of the finest of our summer-blooming annuals that will give a continuous succession of flowers from early July until frost. Sow the seed where it is to bloom.

Double Stock—Flowered.
Empress Rose, Lustrous Carmine, Dark Blue, White, Sky-Blue, Finest Mixed.

Giant Imperial Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Miss California. Deep pink, shaded salmon. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

LATHYRUS Perennial (Everlasting or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom. White, Red, Pink. Pkg. 15c; $\frac{1}{2}$ oz. 50c.
Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

LINARIA Annual (Miniature Snapdragon)

Maroccana, Fairy Bouquet. Very compact plants, 8 to 10 inches tall with blooms in rose, yellow, pink, lavender, carmine-red, violet, white and salmon shades. Fine for border or rock garden. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

LINUM (Flax)

Grandiflorum rubrum. Annual. A very showy bedding plant with large brilliant scarlet flowers all summer. Height, 15 inches. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Perenne, Blue. Perennial. Bright blue flowers all summer. Height, 1½ feet. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

LOBELIA Annual

Crystal Palace. Azure-blue. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

LUPINUS Annual (Lupine)

Graceful spikes of pea-shaped flowers. In bloom throughout summer and fall. Height, 2 feet.

Annual Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 35c.

Perennial Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 30c.



Larkspur, Giant Imperial

The Russel Lupins Perennial

The most outstanding strain of hardy Lupins of brilliant colors—self and bicolors—reds, oranges, pure deep yellow. Height, 2½ to 3½ feet. Pkt. 25c; $\frac{1}{2}$ oz. 50c.

MIGNONETTE Annual

An easily grown annual with a distinct fragrance. Sow where it is to bloom. Height, 1½ feet.

Mixed. A select mixture of the large-flowering varieties. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

MOONFLOWER Annual

A rapid climber for porches and a good shade-maker. Vines attain length of 20 to 30 feet.

White. Enormous white flowers. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Heavenly Blue. Strong, vigorous growth. Pkt. 10c; $\frac{1}{2}$ oz. 50c.

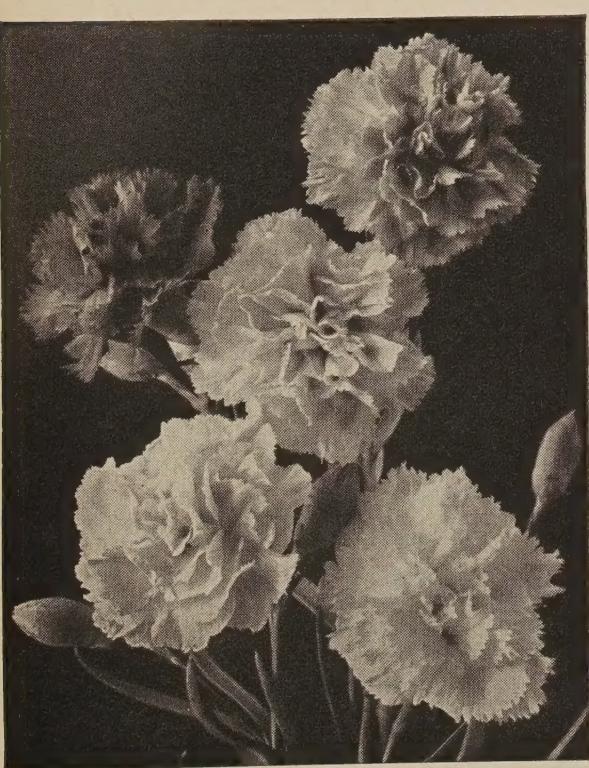
MORNING GLORY Annual

Heavenly Blue, Improved Early Flowering. (New.) Some gardeners refer to this as early-flowering Moonflower, yet it really is a day-blooming variety with glorious large sky-blue flowers shading to white in the throat. They measure 3½ inches. Bloom all summer. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

Magnificent New Giant Morning Glory, Scarlett O'Hara. The blooms are 3½ to 4 inches in diameter. They flare wide open, presenting their brilliant wine-red color to the fullest advantage. Pkt. 10c; $\frac{1}{2}$ oz. 60c.

Pearly Gates. Satiny white flowers with creamy shading in the throat. Blooms measure 4 inches. Pkt. 10c; $\frac{1}{2}$ oz. 40c.

Japanese Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 35c.



Dianthus Plumarius Double

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

FLOWER SEEDS

(Continued)

MARIGOLDS Annual

Flash (New). Gives an amazing flash of color all summer and fall. The name "Flash" is descriptive of the bright combination of colors, ranging from vivid red through bronze with a few yellow flowers to give harmonious contrast to the massed, brilliance of the fiery plants. **Pkt. 25c.**

Dwarf Little Giant. Grows 15 inches tall and produces a closely compact plant, with twenty to twenty-five 4-inch flowers. "Little Giants" bloom early and are ideal for bedding and pot plants. **Mixed. Pkt. 10c; 1/4 oz. 60c.**

Lemon Ball. Tall African Marigold. **Pkt. 10c; 1/4 oz. 40c.**

Orange Ball. Enormous; orange double. **Pkt. 10c; 1/4 oz. 40c.**

Double African, Mixed. Yellow and orange. **Pkt. 10c; 1/4 oz. 30c.**

Guinea Gold. Flowers semi-double, 2 to 2½ inches across, flushed with gold. **Pkt. 10c; 1/4 oz. 30c.**

Double Dwarf French, Mixed. **Pkt. 10c; 1/4 oz. 30c.**

Legion of Honor. Little Brownie. **Pkt. 10c; 1/4 oz. 30c.**

Gigantea "Sunset Giants". A fine new Marigold; grows 3½ to 4 feet high with flower averaging about 5 inches in diameter and shading from yellow to orange. Sweet scented. **Pkt. 10c; 1/4 oz. 50c.**

Dwarf French Double, Harmony. A strikingly showy dwarf plant, 12 inches high and 2 feet across, covered with lovely blooms combining deep mahogany-red outer petals with a tufted golden yellow center. **Pkt. 10c; 1/4 oz. 40c.**

Dwarf Gigantea, Gypsy Jewels. New. Gypsy Jewels is a mixture of a wide range of brilliant colors, including deep rich orange, dazzling golden orange, glistening golden yellow, canary-yellow, lemon-yellow and primrose or sulphur. Height, 12 to 15 inches. **Pkt. 10c; 1/4 oz. 60c.**

Mission Giant "Goldsmith"—A new personality in Marigolds, tall, rich, golden orange. **Pkt. 15c; 1/8 oz. 50c.**

Mission Giant "Yellowstone"—Vibrant yellow—excellent cutting length. **Pkt. 15c; 1/8 oz. 50c.**

Tall, Yellow Supreme. This is a giant Marigold of moonlight-yellow. **Pkt. 10c; 1/4 oz. 40c.**

NICOTIANA Annual

(Flowering Tobacco)

Affinis, White. Pure white, delicately perfumed, blooming all season on plants 3 feet high. So fragrant that a few plants will perfume the garden. **Pkt. 10c; 1/4 oz. 35c.**

Sanderae, Crimson King. Dark velvety crimson-red flowers. **Pkt. 10c; 1/4 oz. 50c.**

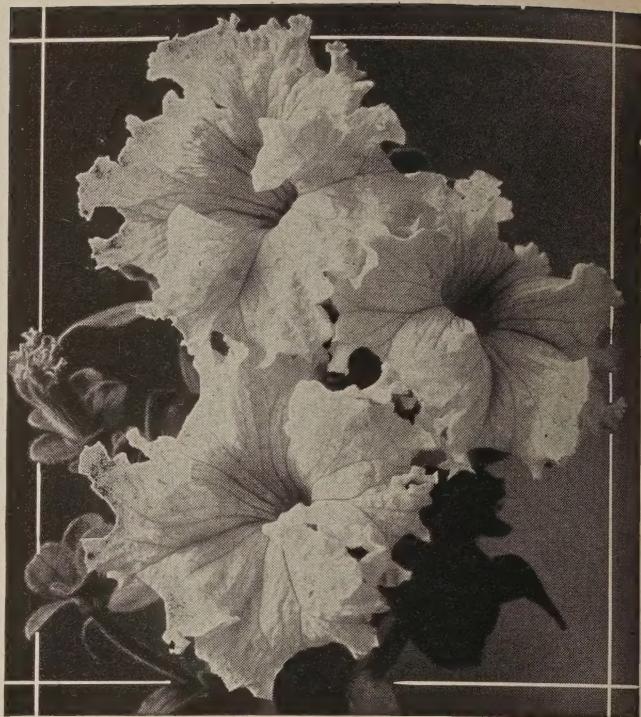


Petunia, Single Ruffled Giants

FLOWER SEEDS

(Continued)

MARIGOLDS Annual



Petunia, Dainty Lady

NASTURTIUM Annual

Nothing excels these for ease of culture, duration of bloom, and brilliancy of coloring. A great profusion of gorgeous blossoms within a few weeks from the time they are sown until frost. Do best in poor soil.

Dwarf, Mixed. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00.**

Tall, Mixed. **Pkt. 10c; oz. 35c; 1/4 lb. 1.00.**

Double, Golden Gleam. Large, double, sweet-scented, golden yellow flowers on long stems. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00.**

New Double, Scarlet Gleam. Flowers are fiery orange-scarlet, very fragrant, and borne on long stems. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00.**

New Double, Gleam Hybrids. Gorgeously colored, double, fragrant flowers of the Golden Gleam type in a wide range of colors. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00.**

Dwarf Double, Golden Globe. Pure golden yellow, sweet-scented. **Pkt. 10c; oz. 30c; 1/4 lb. \$1.00.**

New Dwarf Double, Cherry Rose. Sweet scented. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.50.**

NIGELLA Annual

Miss Jekyll (Love-in-a-Mist). Beautiful double flowers of a clear cornflower-blue. Good for cutting. 1½ ft. **Pkt. 10c; 1/2 oz. 35c.**

PANSIES Annual

Swiss Giants or Roggeli's Hybrids, Mixed. The plants are very robust, and the very large flowers of heavy texture are carried on strong stems well above the leaves. Good mixture of colors. **Pkt. 25c; 1/16 oz. \$1.25.**

Richardson's Mixture. A well-balanced assortment of colors will be found in this Mixture. **Pkt. 10c; 1/16 oz. 50c.**

PETUNIAS Annual

Sow seed lightly on the seed-bed and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings, for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

Cheerful (New). Compact growth, free flowering. Lovely shade of salmon-pink. **Pkt. 25c.**

Miniature, Violet Gem. New. The plants are neat, dwarf and compact, violet-blue. **Pkt. 15c.**

Miniature Rose Gem. The same rich deep rose color as Rose of Heaven but of neat compact growth. **Crop failure.**

King Henry. Rich velvety red, extra dwarf and large flowered. **Pkt. 25c.**

Ruffled Petunias

Dainty Lady. Single fringed, delicate yellow. **Pkt. 25c.**

Ruffled Giants. Single mixed. **Pkt. 35c.**

Single Bedding Petunias

Balcony Blue. Rich indigo-blue. **Pkt. 10c.**

Balcony Rose. Brilliant rose-pink. **Pkt. 10c.**

Balcony Red. Bright red. **Pkt. 10c.**

Balcony White. **Pkt. 10c.**

Flaming Velvet. **Pkt. 10c.**

Howard's Star. Crimson-maroon with a clearly defined five-pointed star of blushing white. **Pkt. 10c.**

Cornflower Blue. Magnificent large rich Cornflower-blue blooms. **Pkt. 25c.**

Snowball. Pure satiny white flowers. **Pkt. 10c.**

Celestial Rose. Deep Rose. Compact **Pkt. 10c; 1/4 oz. 75c.**

Rosy Morn. Soft crimson-pink. **Pkt. 10c; 1/4 oz. 75c.**

Mixed Colors. **Pkt. 10c; 1/4 oz. 65c.**

Petunia nana compacta. Dwarf. Mixed. **Pkt. 10c; 1/4 oz. 75c.**



Scabiosa, Giant Hybrids

PHLOX DRUMMONDI Annual

One of the most brilliant and satisfactory bedding plants we have.

Large-Flowering Tall Varieties.
Height, 15 inches. **Mixed.** Pkt. 10c;
 $\frac{1}{8}$ oz. 75c.

Large-Flowering Dwarf, Mixed.
Plants of this variety grow about
8 inches high. **Pkt.** 10c; $\frac{1}{8}$ oz. 75c.

POPPIES (Papaver) Annual

Annual Poppies should be sown as early as possible in the spring where they are to flower, as they do not transplant well. Thin out plants to stand 3 to 4 inches apart, and keep the old blossoms cut.

Single Shirley. Finest Mixed. A wide range of colors. **Pkt.** 10c; $\frac{1}{4}$ oz. 25c.

Double Shirley. Mixed. New. Semi-double type in a wide range of colors. **Pkt.** 10c; $\frac{1}{4}$ oz. 35c.

HARDY POPPIES Perennial (Nudicaule; Iceland Poppies)

Hardy perennials that will flower the first year from seeds.

Single Mixed. Pkt. 10c.

ORIENTAL POPPIES Perennial

Sow seed early in spring. The resulting plants will disappear in July and August, appearing again as the weather gets cool. Transplant then to their permanent quarters.

Scarlet. Magnificent flowers of brilliant scarlet. **Pkt.** 10c; $\frac{1}{4}$ oz. 60c.

Oriental Mixed. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.

PORTULACA Annual (Sun Plant; Mexican Rose)

A gay annual of easy culture, thriving best in an exposed sunny location. Brilliant flowers produced throughout the summer in great profusion. Do not sow until warm weather. Height 6 inches.

Single Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 60c.
Double Mixed. Pkt. 10c; $\frac{1}{8}$ oz. \$1.00.

PYRETHRUM Perennial (Painted Daisies)

Large Daisy-like flowers on 2-foot stems. Exceptionally fine for cutting.

Single Mixed. Pkt. 25c; 1/16 oz. 55c.

PRIMULA Perennial (Primrose)

Beautiful early spring-flowering perennials. Thrive best in half shade, rich, moist, and well-drained soil. *Veris* (English Cowslip). Mixed colors. Height, 6 to 9 inches. **Pkt.** 25c.

SALPIGLOSSIS Annual (Painted Tongue)

A beautiful annual, producing freely orchid-like flowers all summer. Height 2 $\frac{1}{2}$ feet.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 40c.

SALVIA (Scarlet Sage)

Start the seed indoors in March and April, and set out when weather is settled.

Bonfire. Dwarf Annual. Compact bushes about 2 feet high, with brilliant scarlet flower-spikes. **Pkt.** 10c; $\frac{1}{8}$ oz. 75c.
Splendens (Scarlet Sage). Annual, tall, erect, green foliage. Long spikes of flowers in great profusion. **Pkt.** 10c; $\frac{1}{8}$ oz. 50c.

SCARLET RUNNER BEAN Annual

An ornamental climber bearing large sprays of scarlet blossoms. Height, 12 to 15 feet. **Pkt.** 10c; oz. 20c.

SCABIOSA

(Mourning Bride! Pin-Cushion Flower)

The annual type grows quickly from seed and is superb for cutting. It grows 2 $\frac{1}{2}$ feet high, and blooms from July until frost.

Annual Varieties

Large-Flowered Tall Double

Rosette. Beautiful shade of deep rose heavily suffused with salmon. **Pkt.** 10c.
Giant Flowered Hybrids, Mixed. All colors. **Pkt.** 10c; $\frac{1}{4}$ oz. 50c.

Perennial Varieties

Caucasica alba. A pure white variety, fine for cutting. Height, 3 feet. **Pkt.** 10c; $\frac{1}{8}$ oz. 75c.

Caucasica, Blue. **Pkt.** 10c; $\frac{1}{8}$ oz. 75c.

SCHIZANTHUS

(Butterfly Flower or Poor Man's Orchid)

Beautiful bushy plants covered with dainty contrasting colors. **Pkt.** 10c.

SHASTA DAISY Perennial

Maximum, Alaska. Pure, glistening white Daisy. 5 inches across. An excellent cut flower. Height, 3 ft. **Pkt.** 10c; $\frac{1}{8}$ oz. 35c.

Snapdragon

See Antirrhinum.

STATICE Annual (Sea Lavender)

Used in combination with other Everlastings in winter bouquets.

Sinuata. The seeds, supplied in the dried flower-heads, may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination, the flower-heads should be placed in soil on their sides. 18 in. Blue, pink, white, or mixed colors. **Pkt.** 15c; $\frac{1}{8}$ oz. 50c.

STOCKS Annual

(Gilliflower)

Double Early Giant Imperial Branching. **Mixed.** **Pkt.** 10c; $\frac{1}{8}$ oz. 75c.

Large-Flowering Dwarf, Ten-Weeks Stocks. **Mixed,** **pkt.** 10c; $\frac{1}{8}$ oz. 60c.

SWEET WILLIAM Perennial

(Dianthus Barbatus)

Single, Newport Pink. **Pkt.** 10c; $\frac{1}{8}$ oz. 40c.

Single, Dark Crimson. **Pkt.** 10c; $\frac{1}{8}$ oz. 40c.

Single, Finest Mixed. **Each,** **pkt.** 10c; $\frac{1}{4}$ oz. 40c.

Double, Finest Mixed. **Pkt.** 10c; $\frac{1}{4}$ oz. 50c.

SWEET WIVELSFIELD Annual

Sweet Wivelsfield (Hybrid Dianthus). Free flowering annual, resembling a Sweet William. Blooms all summer. **Pkt.** 10c; $\frac{1}{8}$ oz. 30c.

Richardson's FLOWER SEEDS
Griffith & Turner's (Continued)
Wiseman-Downs'

SPENCER SWEET PEAS Annual

For gracefulness and delicate charm the Sweet Pea must be given its share of space in the garden. Not difficult to grow, yet it gives a profusion of blooms which vie with the orchid for color.

Simplicity. Glistening pure salmon.

Blue Moon. A true blue Sweet Pea.

Crimson King. True crimson; very good.

GiganTea. The best white-seeded white waved Sweet Pea.

Aristocrat. Charming, attractive clear pink. Each, pkt. 10c; 1 oz. 35c.

Mixed. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

TITHONIA Annual

Speciosa (Mexican Sunflower). The orange-vermillion flowers resemble single African Marigolds, while the foliage and habit of growth are like the Dahlia. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

TRITOMA Perennial

Red Hot Poker; Torch Lily

Tall spikes, topped by narrow, tubular, pale yellow to orange-red flowers, closely arranged in shingle-like fashion. Pkt. 10c; $\frac{1}{8}$ oz. 45c.

VERBENAS

A brilliant free-flowering annual bearing large trusses of blooms, July until frost. Low, spreading plants which root wherever the stems touch soil.

Mammoth-Flowering Varieties. Annual. Blue Shades, Golden Yellow, Pink, Scarlet, White, Mixed. Each, pkt. 10c; $\frac{1}{8}$ oz. 50c.

Venosa (Hardy Verbena). Perennial. Bright purple flowers all summer. Height, 1 foot. Pkt. 10c; $\frac{1}{4}$ oz. 60c.

VENIDIUM Annual

Fastuosum. A magnificent new half-hardy annual from South Africa. Grayish silky foliage. The rich orange-colored, Daisy-like flowers, with a purple-black zone at the base of the petals, average 4 to 5 inches across. Plant in sunny position. Height, 3 ft. Pkt. 10c; $\frac{1}{8}$ oz. 50c.



Zinnia, Cupid



Giant Dahlia-Flowered Zinnia

VERONICA Perennial
(Speedwell)

A perfectly hardy plant that will thrive under almost any condition and produce very attractive blue flowers when most needed.

Longifolia. Graceful long spikes set with bright blue flowers during June and July. Pkt. 10c; $\frac{1}{8}$ oz. 75c.

WALL FLOWER
 See Cheiranthus

VINCA Annual

**Madagascar Periwinkle,
 Old Maid**

Ornamental free-blooming annual with bright green, shiny foliage and one of the most satisfactory long-flowering bedding plants we have. 12 to 18 inches. White, Rose or Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 65c.

VIOLAS Perennial

Tufted Pansies. Smaller flowered than the Giant Pansies, these are very free blooming and are splendid for beds, borders, and rock gardens. Mixed. Pkt. 20c; 1/16 oz. 75c.

ZINNIAS
(Youth and Old Age)

Giant Double Dahlia-Flowered

Plants grow 2 to 3 feet high, bearing huge, double flowers, which resemble the Dahlia.

Canary Bird. Delicate primrose.

Crimson Monarch. Largest red

Dream. Deep lavender.

Exquisite. Light rose.

Old Rose.

Polar Bear. Large; pure white.

Golden State. Orange-yellow.

Oriole. Orange and gold.

Purple Prince. Deep purple.
 Any above, pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.25.

Gold Medal Mixture. Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.00.

Will Rogers (Giant Dahlia-Flowering). A beautiful Zinnia which has created a sensation. Color, the brightest possible scarlet, and the form of flower typically Dahlia-like but of unusual size and substance. Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.25.

Scabious-Flowered

Mixed. Really a curiosity. The outer row of petals is long and large, while the inner rows are short and tubular. Crowded with flowers. Height, 3 ft. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

Cupid

Mixed. 4 to 6 inches high, compact, covered with flowers of the Lilliput type. Colors range through red, orange, yellow, pink, rose, and other pastel shades. Excellent for pot-plant and border use. Pkt. 10c; $\frac{1}{4}$ oz. 60c.

Double Lilliput or Pompon

Plants bear a profusion of small densely double flowers on long stems.

Canary-Yellow, Crimson Gem, Flesh-Pink, Golden Orange, Salmon-Rose, Scarlet, White and Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Fantasy

Flowers are composed of a mass of shaggy, raylike petals. The color-range includes the brightest shades of reds and orange, as well as pastel pinks and cream. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

ROSES

We offer only the finest No. 1—2 yr. Field Grown Plants.

Dormant Plants available from March 1 to April 15.

EVERBLOOMING HYBRID TEA ROSES

Red

- Ami Quinard.** Very dark velvety red.
- Christopher Stone.** Scarlet-crimson. Long, pointed buds.
- Etoile de Hollande.** Popular velvety scarlet.
- E. G. Hill.** Long perfect bud, dazzling scarlet.
- Red Radiance.** Very reliable old favorite, cherry-red.

White

- Caledonia.** Long, pointed buds and snowy white flowers.
- Kaiserin Augusta Victoria.** Pure white, tinged lemon.
- McGreedy's Ivory.** Delicate creamy white. Long buds.

Two-Toned

- Condesa de Sastago.** Rich yellow buds copper-color blooms. Vigorous and bushy grower.
- President Herbert Hoover.** Very strong growth. Big, semi-double flowers of coppery rose and gold.
- Mrs. Sam McGredy.** Scarlet-orange blended with coppery red.
- Talisman.** Very popular ruffled red and yellow Rose.

Yellow

- Golden Dawn.** Light yellow; fragrant. Good foliage.
- McCready's Yellow.** Canary yellow. Glossy foliage.
- Mrs. E. P. Thom.** Splendid yellow garden Rose.
- Sister Therese.** Golden yellow, long pointed buds.

Pink

- Editor McFarland.** Well-shaped flowers of deep rose-pink.
- Briarcliff.** Favorite Rose Pink.
- Pink Dawn.** Deep pink with orange at the base.
- Radiance.** Most popular of all pink Roses.

NEW PATENTED ROSES

- Better Times.** Pat. No. 23. Bright crimson; long stems.
- Crimson Glory.** Plant Pat. No. 105. Deep vivid crimson shaded with dark red.

Richardson's
Griffith & Turner's
Wiseman-Downs'

Countess Vandal. Plant Pat. No. 38. Flame-pink, tinged bronze and rose.

Peace. Pat. 591. Lovely shade, lemon yellow, edged rose pink.

Eclipse. Plant Pat. No. 172. Golden yellow.

CLIMBING ROSES

Blaze. Plant Pat. No. 10. Reported to be an everblooming form of the blazing red Paul's Scarlet Climber.

Climbing American Beauty. Rose-pink.

Dr. W. Van Fleet. Strong climber with lovely, pink flowers.

Douloons. Pat. No. 152. A radiant yellow Climbing Rose with large, compact, double blooms coming in clusters. Blooms in midseason and tends to re-bloom later.

Golden Climber. Pat. 28. Clear yellow flowers like Hybrid Teas, borne on long stems early in the spring.

King Midas. Pat. 586. Large double flowers, golden yellow flushed red. A beautiful new climber.

Paul's Scarlet Climber. Most popular.

Silver Moon. Huge, flat flowers of dazzling white.



STRAWBERRY PLANTS

Variety	25	100	250	500	1,000
Premier—Early	\$1.50	\$3.00	\$6.00	\$10.00	\$16.00
Fairfax—Early	1.50	3.00	6.00	10.00	16.00
Catskill—Mid-season ...	1.50	3.00	6.00	10.00	16.00
Big Joe—Mid-season ...	1.50	3.00	6.00	10.00	16.00
Chesapeake—Late	1.50	3.00	6.00	10.00	16.00
Red Star—Late	1.50	3.00	6.00	10.00	16.00
Stanbright—Mid-season .	1.50	3.00	6.00	10.00	16.00
Blakemore—Early	1.50	3.00	6.00	10.00	16.00
Klondike—Early	1.50	3.00	6.00	10.00	16.00
Fairmore—Early	1.50	3.00	6.00	10.00	16.00

EVERBEARING VARIETIES

Mastodon	2.00	5.00	9.00	17.00	30.00
Gem	2.00	5.00	9.00	17.00	30.00

-:- POSTPAID -:-

-:- Special Notice -:-

Be sure to send remittance with order for Strawberry Plants, as all orders are forwarded direct from the Growing Station.

Richardson's
Griffith & Turner's
Wiseman-Downs'

BULBS AND ROOTS



Tuberous-Rooted Begonia, Single

TUBEROUS-ROOTED BEGONIAS

This charming class of Begonia is perhaps the most handsome of all tender summer-flowering tuberous-rooted plants. Splendid for window boxes or outdoors grown in the shade.

Single. Salmon, Scarlet, Pink, White and Yellow. 20c each; \$2.25 per doz.

Double. Salmon, Scarlet, Pink, White and Yellow. 20c each; \$2.25 per doz.

FANCY-LEAVED CALADIUM

Highly Colored Sorts Mixed. No other summer foliage plant equals the Fancy-Leaved Caladium in showy appearance. They are splendid for the conservatory during the summer, for window boxes, and for outdoor bedding in semi-shaded spots of the garden. Our mixture includes many kinds. 30c each; \$3.00 per doz.

**Due To Scarcity of Bulbs
ALL PRICES SUBJECT TO CHANGE.**

GLADIOLUS

Whites

Maid of Orleans. Pure White. \$1.25 per doz.; \$8.00 per 100.

Shirley Temple. Cream, yellow throat, ruffled. \$1.50 per doz.; \$9.00 per 100.

Yellow and Orange Shades

Duna. Large orange buff. \$1.00 per doz.; \$7.00 per 100.

Golden Dream. Best golden yellow. Late. \$1.00 per doz.; \$7.50 per 100.

Gold Eagle. Early yellow. \$1.00 per doz.; \$6.50 per 100.

Bit o' Heaven. Orange; very tall. \$1.00 per doz.; \$7.00 per 100.

Orange Queen. Apricot-yellow. \$1.00 per doz.; \$7.50 per 100.

Pink Shades

Debonair. Salmon-pink; tall spike. \$1.00 per doz.; \$7.50 per 100.

Dream of Beauty. Deep rose. \$1.25 per doz.; \$8.00 per 100.

Picardy. Sensational shrimp-pink. \$1.00 per doz.; \$7.50 per 100.

Phyllis McQuiston. Deep pink, large and tall. \$1.00 per doz.; \$7.50 per 100.

Red Shades

Beacon. Scarlet; cream throat. \$1.00 per doz.; \$7.50 per 100.

Flaming Sword. Tall red. Early. \$1.00 per doz.; \$7.00 per 100.

Excellence. Large bright scarlet. \$1.25 per doz.; \$8.00 per 100.

Blue and Lavender Shades

Margaret Fulton. Lovely lavender. \$1.00 per doz.; \$7.50 per 100.

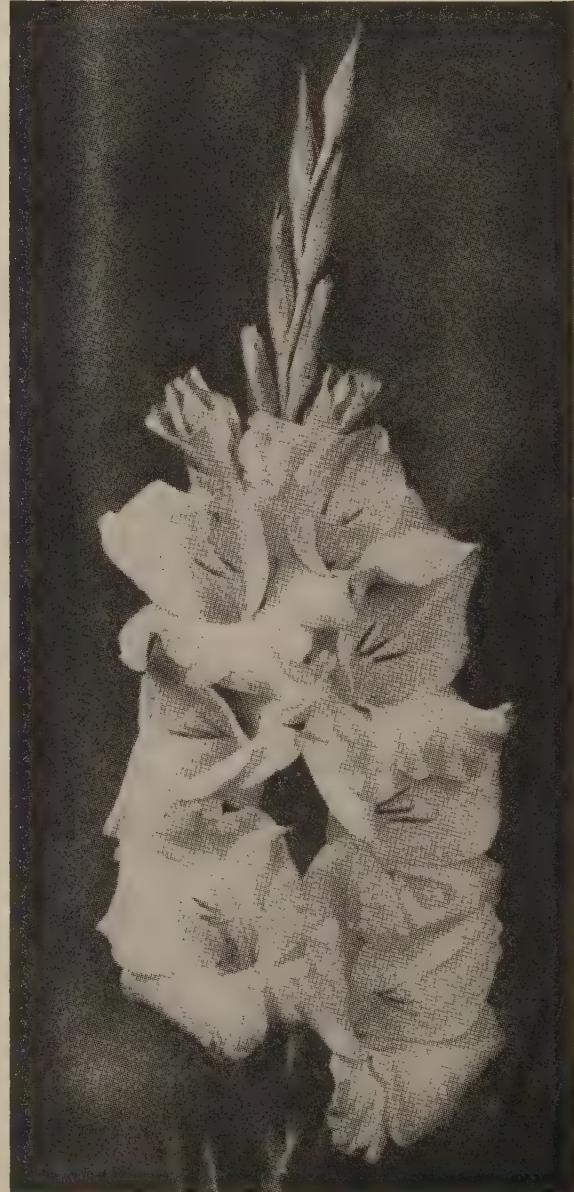
Minuet. Delicate lavender. Late. \$1.25 per doz.; \$9.00 per 100.

Charles Dickens. Lovely purple. \$1.25 per doz.; \$8.00 per 100.

Elizabeth the Queen. Soft lavender. \$1.50 per doz.; \$12.00 per 100.

Deluxe Mixture Gladiolus

\$1.00 per doz.; \$7.00 per 100.



Gladiolus

DAHLIAS

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

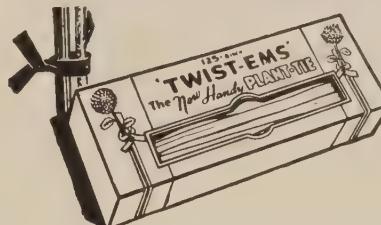
CULTURE

Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 foot deep; fertilize with pulverized sheep or cow manure, scatter about $\frac{1}{4}$ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about $\frac{1}{2}$ pound of high grade fertilizer to each plant and work in thoroughly.

TUBEROSES

Double Pearl. One of the most deliciously fragrant and most beautiful summer-flowering bulbs. Strong flowering bulbs. 12c each; \$1.35 per doz.; \$10.00 per 100.

TIE YOUR PLANTS WITH TWIST-EMS



"Twist-Ems" are dark green, strong tape, with wire reinforcements that make a perfect plant tie with a twist of the wrist. Pkg. of 125, 8 in., 35c; Postpaid 45c. Pkg. of 125, 16 in., 65c; Postpaid 75c.

UTILITY TWIST-EMS

for Vegetable Growers, Nurserymen and Florists

12 in.—pkg. of 250.....	\$1.00
Per 1000	3.75
16 in.—pkg. of 250	\$1.25
Per 1000	4.85

LARGE DECORATIVE DAHLIAS

	Each
Avalon —Large yellow	\$.35
Blue Jersey —Orchid lavender .....	.50
Jane Cowl —Bronze buff .....	.50
Jersey Beauty —Large clear pink.....	.35
Myra Howard —Golden with a sheen of rose.....	.50
Mrs. Ida De Ver Warner —Orchid.....	.35
Pride of California —Vivid red .....	.50
Red Jersey —Same habits of growth as Jersey's Beauty .....	.50
Sir Lancelot —(F.D.)—Garnet-rose shading to purple	.35
White Wonder —Large pure white .....	.50

DAHLIAS

Double Miniature Dahlias

Arthur Kerley. Bright red.

Edith Mueller. A suffusion of gold and orange-red.

Bronze Beauty. Bright buff deepening to rich bronze.

Joe Fette. Pure white.

Catherine. Pure rich yellow.

Rosa Wilmouth. Rose-pink.

Any above Miniature
Dahlias: 35c each.



Miniature Dablia

ASPARAGUS SEED AND ROOTS

One ounce of seed will sow a row 40 feet long and will produce about 600 plants; 5 pounds to the acre; 150 roots to a bed 15x50 feet or 8000 to the acre.

Mary Washington. This strain produces large, straight shoots, dark green in color, with heavy purple over-tone. It is nearer to being rustproof than any other variety. **Seed:** Oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50. **Roots:** 25 for 85c; 100 for \$2.75. Prices on application for larger quantities.

BUSH OR SNAP BEANS

CULTURE—Plant after the weather has become settled, around the first of May. Sow in rows 2 to $2\frac{1}{2}$ feet apart, dropping the beans 4 inches apart in the row. Cover about 2 inches deep. Make successive sowings 2 weeks apart up to August 1st. One pound will sow a row 100 feet long; 60 pounds to the acre.

Green Podded

Bountiful. Stringless. Very hardy; as early as the Long Green Six Weeks. The best flat-podded variety. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Burpee Stringless. Pods are dark green, absolutely stringless and mature early. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Full Measure. A very fine round stringless variety. Pods are long and borne in great quantities. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Giant Stringless. Pods longer than Burpee Stringless and a shade lighter in color. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Horticultural Dwarf. An old standard Snap and Shell Bean. Pods about 5 inches long, almost stringless, greenish-yellow splashed with carmine. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.75.

Landreth's Stringless (Improved Burpee's). 6 to 7 inch, straight, round, dark green, stringless pods. Season 54 days. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

New Stringless Green-Pod. (Tendergreen). Very similar to Full Measure, much harder, and more resistant to rust. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Plentiful. Stringless green-pod. The pods are flat, medium green, 6 to 7 in. long, strictly stringless at all stages, and of the choicest quality. Plants are most prolific. Black seeded. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Streamliner. 51 days. White seed. Pods are exceptionally long, 7 in. and more in length, straight, flat and entirely stringless at all stages of growth. Ideal for home and market. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Stringless Black Valentine. The hardest of all Beans. The long, very handsome pods are productive and attractive. Has all the good qualities of the old variety and now, being stringless, it ranks first among early shelling varieties. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85s; 15 lbs. \$4.50.

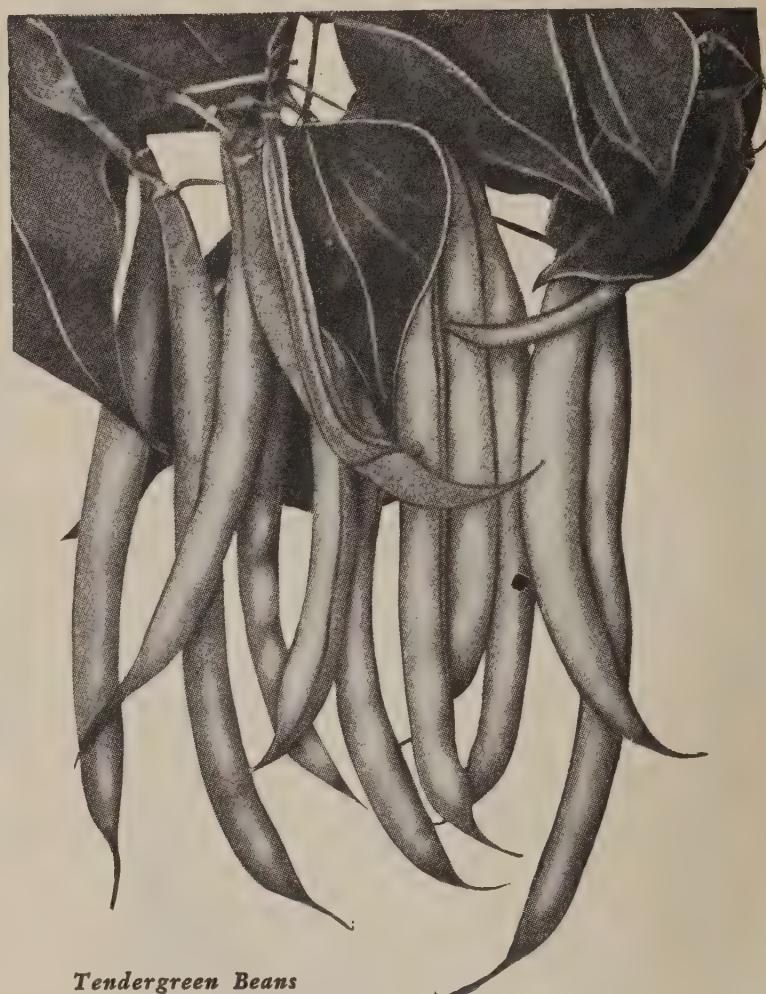
Stringless Red Valentine. Early green pods, round and thick, of fine quality. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Tennessee Green-Pod. A favorite. Pods 6 to 7 inches long, of exceptionally fine flavor. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Yellow or Wax Podded

Golden Wax Improved. Early, vigorous, and a bountiful yielder of shapely, tender pods. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Sure-Crop Stringless Wax. Rich yellow Beans 6 to 7 inches long, $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.



Tendergreen Beans

Round-podded Kidney Wax (Brittle Wax). An improved Wardwell's Kidney Wax. Pods are long, straight, and of excellent quality. Heavy bearer. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 30c; lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

POLE OR CORNFIELD BEANS

1 lb. will plant 200 hills. Culture same as Pole Lima Beans.

October, or Horticultural (Wren's Egg or Cranberry). The pods are 5 $\frac{1}{2}$ to 6 inches long, and can be used as snaps, for shelling when green, or dried for winter use. A splendid Bean for baking. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 30c; lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

Old Homestead, or Kentucky Wonder. This is the old reliable green-podded Pole Bean and is also used very extensively in cornfields. The pods are thick and fleshy, slightly curved, green, 7 to 10 in. long; when young are stringless. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

Kentucky Wonder Wax. Golden yellow. Pods are flat and fleshy, measuring 7 to 8 inches in length. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 30c; lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

Lazy Wife. Pods green, slightly shorter than Kentucky Wonder, but thicker, and matured Beans white, much larger, and more meaty. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

White Seeded Kentucky Wonder (Burgers). An improved strain. White Seeded Kentucky Wonder. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$1.75.

McCaslan. Dark green pods, 8 in. long, flat, curved, brittle and fine grained; shows slight strings as the pods reach full size. Large white beans; delicious for dry shell use. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c.

White Creaseback. Handsome green pods, 6 to 7 inches long, meaty, almost stringless, produced in clusters. Splendid shipper. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 45c; 2 lbs. 85c; 15 lbs. \$4.50.

BUSH LIMA BEANS

CULTURE—Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well-enriched land, with the rows 2 $\frac{1}{2}$ feet apart, placing the beans 6 inches apart in the row. Cover about one inch deep. One pound will plant 50 feet of row.

Burpee's Improved Bush Lima. A true and improved bush form. Vigorous and productive, with very large pods 5 inches long and usually contain 4 large thick Beans of excellent quality which dry greenish white. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$6.00.

Burpee's Bush Lima. Plants large, sturdy, hardy, and productive. Pods 4 to 4 $\frac{1}{2}$ inches long, containing 3 to 4 Beans which are as large as any pole sort, flat and white. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$6.00.

PRICES OF ALL BEANS F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

TESTED VEGETABLE SEEDS -- Continued

Bush Lima—Continued

Fordhook Bush Lima. Generally considered the best of the large-seeded Bush Limas. Bushes are of strictly erect habit, branching freely, with all the branches held upright. It is from 4 to 6 days earlier than other varieties of this class. Pods about 5 to 6 inches long, in clusters of 4 to 8, well filled with 4 to 5 delicious large Beans. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 2 lbs. \$1.00; 15 lbs. \$6.00.

Henderson's Bush Lima. Possibly the earliest of the Bush Lima Beans. Seeds are a little smaller than the Wood's Prolific. It is very productive and an extremely popular variety. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 75c; 15 lbs. \$5.00.

Fordhook 242. Promising new Fordhook-type lima, with thick seeds, 3 or 4 to the pod, of finest flavor. The pods are very uniform, and hold their size on the late sets. The early and total yields are heavy, and hot weather does not seem to affect its yield. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 2 lbs. \$1.00; 15 lbs. \$6.00.

BROCCOLI

CULTURE—Sow seed in open ground, 1 ounce to 100-yard row, $\frac{1}{2}$ inch deep, and get plants in field in July or August. After the center head is cut it will produce side-shoots with a smaller head. One of the best, has succulent asparagus flavor.

Italian Calabrese, Green Sprouting. (60 days). The leading variety for shippers and truckers. Tall, branching heads of bluish green, becoming more popular each year. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Italian Salad, "Rapa." This variety produces leaves only. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

Giant Emerald Isle. One of the largest-podded and the heaviest cropper of all Limas. It grows green, dries green, stays green. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.25.

Dreer's Improved, or Challenger Lima. Also known as the Potato Lima. Entirely distinct, producing thick, compressed-looking Beans in their pods, and of a delicious and distinct flavor. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.25.

King of the Garden. An old standby of vigorous growth, bearing large, dark green pods with 4 or 5 large white Beans of excellent quality. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 15 lbs. \$5.00.

Ford's Mammoth. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 15 lbs. \$5.00.

PRICES OF BEANS F.O.B. BALTO.

CARDEN BEETS

CULTURE — For a continuous supply throughout the season, make the first sowing outdoors the early part of April and every two weeks thereafter up to August 1st. Sow in rows about $1\frac{1}{2}$ ft. apart, firm seed well in ground. One ounce will sow 50 ft. of drill; 6 lbs. per acre.

Crosby's Egyptian. Attractive shape, small tops. Popular with truckers for extra early market. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

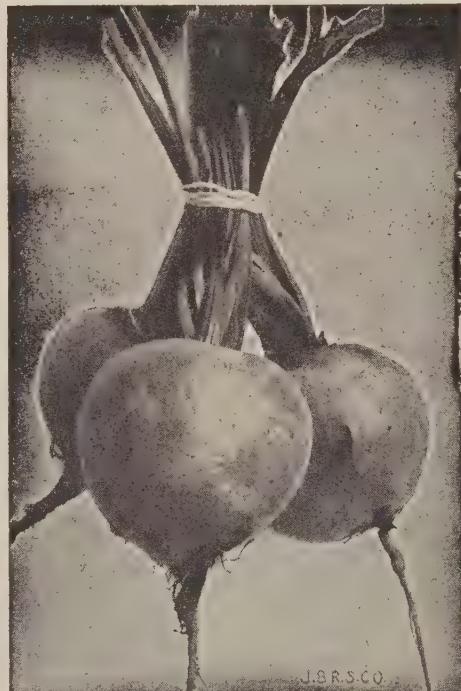
Detroit Dark Red. A fine Turnip Beet of dark red color and early maturity. Very attractive. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Richardson's
Griffith & Turner's
Wiseman-Downs'



Calabrese Broccoli

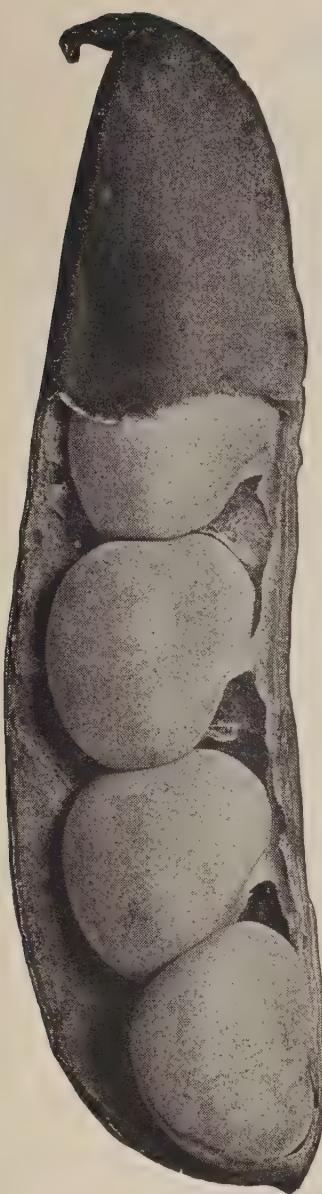
ALL PRICES SUBJECT TO CHANGE
WITHOUT NOTICE



Early Wonder Beet

Early Wonder. The earliest spring Beet. It is of uniform size, globular shape, very dark red, fine-grained, tender and sweet. Can be grown profitably throughout the season. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Improved Early Blood Turnip. Dark red, uniform, smooth growing. A good variety for home use and for main crop. Very best quality; medium early. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.



Burpee's Improved Bush Lima

POLE LIMA BEANS

CULTURE—Pole Limas are even less hardy than the bush type and should not be planted until all danger of frost is passed. Set the poles about 4 feet apart each way and plant 6 to 8 beans, eyes downward, around each pole. When plants are up, thin out to 3 plants to a pole. Use a shovelful of rich, light, well rotted compost to each hill. One pound of seed will plant 75 to 100 hills.

Burpee's. Best Pole Lima. Produces pods along its entire length in clusters of 4 to 8. The pods are straight, 5 to 6 in. long, $1\frac{1}{2}$ in. broad, and nearly one inch thick. The beans are thick, resembling Fordhook Bush Lima. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 55c; 2 lbs. \$1.00; 5 lbs. \$2.25.

Carolina, or Sieva. Early, small Beans but of fine flavor. Excellent dried Lima Bean for winter use. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 15 lbs. \$4.50.

Carpinteria. Vines vigorous, setting many pods closely filled with large, flat Beans, thicker than ordinary Pole Limas. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

Early Leviathan. Earliest large-podded sort. Pods 5 to 6 inches long and often contain 5 or 6 large, flat, pale green Beans of excellent quality. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 50c; 2 lbs. 90c; 15 lbs. \$5.00.

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

TESTED VEGETABLE SEEDS -- Continued

MANGEL OR STOCK BEET

Mammoth Long Red. Grows to an enormous size. Very easily cultivated; generally used for Stock Beet. Postpaid: Oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Golden Tankard. Especially recommended for dairymen on account of its milk-producing properties. Well adapted to our soils. Postpaid: Oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

BRUSSELS SPROUTS

Culture same as cabbage. But keep leaves removed to allow small heads to develop.

Improved Long Island. Postpaid: Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.25.

CABBAGE

CULTURAL DIRECTIONS—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1st in rows $2\frac{1}{2}$ feet each way.

G. & T. Pedigree Wakefield. Used extensively by large growers, a profitable strain because of its excellent heading qualities, with few plants going to seed. Very desirable size and uniformly early. Oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Charleston, or Large Wakefield. Favorite, large, pointed type, a week later than Early Jersey Wakefield. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Copenhagen Market, Early Danish. As early as Charleston Wakefield. Very heavy, solid, large, globe-shaped head. Postpaid: Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.



*Jersey Wakefield
Cabbage*

VEGETABLE PLANTS

We will have a good supply of Vegetable Plants from April 25th to June 20th, including the following varieties:

TOMATO

PEPPER

CABBAGE

EGG PLANT

SWEET POTATO

CELERY PLANTS

after July 1st in the following varieties:

SELF BLANCHING

GIANT PASCAL

FORDHOOK

WINTER QUEEN

We cannot accept Parcel Post or delivery orders on plants.

ASPARAGUS ROOTS

MARY WASHINGTON RUSTPROOF

25 for 85c—100 for \$2.75

If by mail add 25c per 100 for postage and packing
Larger quantities—ask for prices

RHUBARB ROOTS

20c each—dozen \$2.25

If by mail add 25c per dozen for postage and packing

Danish Ballhead, or Holland. A medium-sized, round-headed sort; good quality. One of the best for shipping and winter keeping. Postpaid: Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Early Jersey Wakefield. Very early; sure-heading. Forms nice, medium-sized, pointed heads, solid and of good quality. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

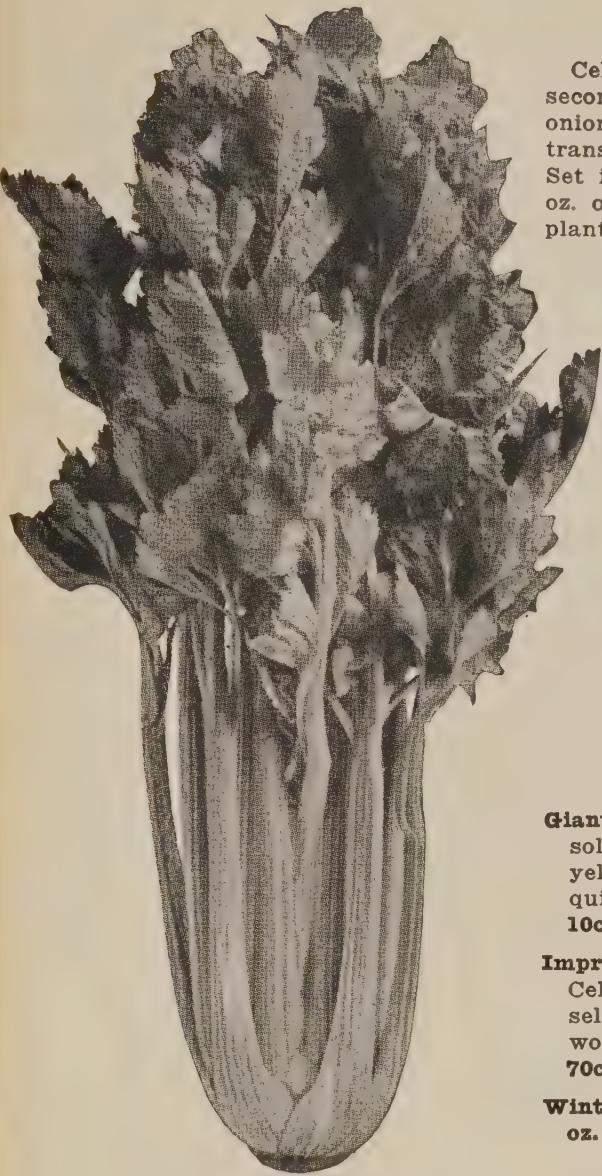
Early Succession. Wonderful solidity, productiveness, and fine, large heads. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Stein's Early Flat Dutch. Unexcelled for early spring planting; medium-sized heads unbeatable for home use or shipping. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Golden Acre. A medium-sized but very fine variety, maturing in 80 days, with round, solid heads. Postpaid: Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Large Late Drumhead. A good winter Cabbage. Few outside leaves and solid head. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

TESTED VEGETABLE SEEDS -- Continued



Easy Blanching Celery

Cabbage—Continued

Perfection Drumhead Savoy. This is the hardest heading and best all-around Savoy. Postpaid: Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

Premium Late Flat Dutch. Large, flat, uniform, solid heads of finest quality. For winter use. Postpaid: Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

Red Dutch. Pkt. 10c; oz. 45c; ¼ lb. \$1.50; lb. \$5.00.

Chinese Cabbage (Pe-Tsai). Grown for cole-slaw and salad. Delicate and tender. Postpaid: Pkt. 10c; oz. 40; ¼ lb. 60c; lb. \$2.00.

Yellows Resistant Cabbage Seed

Jersey Queen (Resistant Jersey Wakefield). Postpaid: Oz. 50c; ¼ lb. \$1.50; lb. \$4.50.

Marion Market (Resistant Copenhagen). Postpaid: Oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

Wisconsin All Season. Postpaid: Oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

Wisconsin Hollander. (120 days.) Selected from the famous Danish Ballhead, requires about the same time to come to maturity. Heads large, round, flattened on top but quite deep; 5 to 7 lbs. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.50.

CELERY

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart. ¼ oz. of seed will produce about 1,000 plants.

Easy Blanching. The longest keeping Celery grown, excelling in this respect every other sort. It is the easiest and quickest to blanch, stocky in growth, and of medium height. The stalks are tender, brittle, and attractive in appearance, of excellent quality and rich nutty flavor. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Golden Self-blanching. The best of all early self-blanching varieties. It is of dwarf compact growth, with thick, solid, heavily ribbed stalks which blanch easily to a clear waxen yellow. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Giant Pascal. It makes large, thick, solid stalks, with beautiful creamy yellow heart; blanches easily and quickly; very crisp. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

Improved White Plume. A magnificent Celery for early use, and being self-blanching, requires but little working. Postpaid: Pkt. 10c; oz. 70c; ¼ lb. \$2.00; lb. \$6.50.

Winter Queen. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.60; lb. \$5.50.

Celeriac or Turnip-Rooted Celery

Giant Prague. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

CAULIFLOWER

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant the plants 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 10th of April. Set the plants in the field 15x24 inches apart. One-fourth ounce produces about 500 plants. Three ounces will make enough plants to set 1 acre.

Extra-Early Dwarf Erfurt. Small plants with short outer leaves and medium heads of uniform quality. A good late variety. Postpaid: Pkt. 25c; ½ oz. \$1.75; oz. \$3.00.

Snowball. Early, very hardy, and produces snow-white heads of good size. Our strain of this variety is unexcelled. Postpaid: Pkt. 25c; ½ oz. \$1.75; oz. \$3.00.

HERBS

Sweet, Medicinal and Pot Herbs

- Anise, Pkt. 10c; ½ oz. 40c; oz. 75c.
Chickory, Pkt. 10c.
Chives, Pkt. 20c; ½ oz. 85c; oz. \$1.50.
Coriander, Pkt. 10c.
Sage, Pkt. 20c; ½ oz. 40c; oz. 75c.
Caraway, Pkt. 10c; ½ oz. 20c; oz. 35c.
Dill, Pkt. 10c; ¼ lb. 60c; lb. \$1.25.
Lavender, Pkt. 25c.
Marjoram, Sweet. Pkt. 15c; ½ oz. 40c; oz. 75c.
Sweet Basil, Pkt. 15c.
Sweet Fennel, Pkt. 15c; ½ oz. 30c; oz. 50c.
Thyme. Broad-leaved English. Pkt. 20c; ½ oz. 65c; oz. \$1.00.

CARROTS

CULTURE—Sow seed about ½ in. deep as soon as the soil can be dug, placing rows about 18 inches apart. One ounce will sow 100 feet of drill, 3 to 4 pounds for an acre.

Chantenay. Suited to either garden or field culture. Medium-sized top, small neck, tapered roots, and thick shoulder. Orange color. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Danvers Half-Long Orange. Orange-red; smooth and handsome; sweet, crisp, and tender. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Improved Long Orange. The roots grow uniform and smooth, 8 to 10 inches long, of large size and deep, rich orange color. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

Oxheart, or Guerande. Particularly desirable for heavy soils. It tapers slightly; very stump-rooted. Postpaid: Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$2.00.

Imperator. The roots are smooth, taper slightly from a rounded shoulder down to the semi-blunt tip. The flesh is a rich orange with practically no core. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

COLLARDS

CULTURE—Same as Kale.

Georgia Southern, or Creole. Postpaid: Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c.

Cabbage Collards. As white and crisp as Cabbage. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c.

Carolina Header. A more recent variety of the heading type collard. Very popular through Virginia and Carolina. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.25.

CORN SALAD

Large Dutch. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.

TESTED VEGETABLE SEEDS -- Continued



Stowell's Evergreen Corn

GARDEN CORN

CULTURE—Seed is likely to rot if planted in cold ground. About middle of May when soil is warm, plant in hills 3 feet apart each way, covering about 5 seeds half an inch deep, and thin out to 3 plants to a hill, or plant in rows 3 feet apart, and thin out plants to stand 12 inches apart in rows. For a succession of crops plant every two weeks up to July 15th. One pound will plant 100 hills, or about 250 feet of row.

Adams Extra-Early. Makes a small ear and stalk and can be planted close together. Used by our market gardeners to catch the early market. $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 45c; pk. \$2.00.

Black Mexican. Pkt. 10c; $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c.

Country Gentleman. A very distinct shoe-peg variety. Prolific, making 2 or 3 ears on good land. Ears about 8 to 9 inches long, deep, pearly white grains of finest flavor. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Early Evergreen. Early Stowell's Evergreen type. White kernel, deep grains, and delicious. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Golden Bantam. Extra early; very sweet and tender. Small ear of golden yellow color. Bears 2 and 3 ears to the stalk. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Golden Giant. Produces ears from 8 to 9 inches long with 12 to 14 rows. Grains are a deep creamy yellow. It matures about 5 days later than Golden Bantam. Fine flavor. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Howling Mob. A fine second-early Corn of delicious flavor. The stalks are about 5 feet in height and produce early in the season. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Shoe Peg. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Stowell's Evergreen. Standard sort long known as one of the best for main crop. Large ears, very deep grains, sugary. Remains longer in the "roasting ear" state than any other. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Trucker's Favorite. A favorite variety with all market gardeners and truckers, following Early Adams, but larger ears, deeper grains, a sure crop. Sweet and palatable. $\frac{1}{4}$ lb. 10c; $\frac{1}{2}$ lb. 15c; lb. 25c; 2 lbs. 45c; pk. \$2.00.

Vanguard. (79 days.) Very productive early corn which we believe to be resistant to Stewart's disease; quality is excellent, flavor is delicious; 8 in. ears containing 10 or 12 rows of large white kernels. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Whipple's Early White. (82 days). The size of the ears will remind you of Stowell's Evergreen, but in season it is as early as the small-eared early varieties. The ears are 7 to 8 in. long and have 14 to 18 rows of deep, rather narrow kernels. 5 to 6 ft. high. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Whipple's Early Yellow. (About 87 days.) A 14-rowed ear, 7 to 8 in. in length. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Prices on Corn F.O.B. Baltimore

HYBRID SWEET CORN

Golden Cross Bantam. Very uniform in habit of growth, size and maturity. The ears are fully 8 inches long and they are closely set with 14 rows of yellow grains filled with delicious sweet pulp. Often bears 2 ears. Postpaid. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; lb. 55c; 2 lbs. \$1.00; pk. \$5.25.

Ioana. An attractive and productive variety, highly resistant to drought and wilt, suitable for either gardener or canner. Plants tall and sturdy, with broad and numerous leaves. Ears 7 $\frac{1}{2}$ to 8 inches long, 12- to 14-rowed, cylindrical; well-filled with medium-narrow, light yellow kernels. Fodder 6 $\frac{1}{2}$ feet, matures in about 85 days. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; lb. 65c; 2 lbs. \$1.25; 5 lbs. \$3.00.

Marcross Golden Hybrid. 71 days. The ears are 6 $\frac{1}{2}$ -7 $\frac{1}{2}$ inches long, slightly tapered, uniform 10-14 rows, straight rowed, fairly well filled tips. Plants are 5-5 $\frac{1}{2}$ feet, medium breadth leaves, medium green, heavy, well rooted stalk, few suckers. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; lb. 60c; 5 lbs. \$3.00.

Stowell's Evergreen Hybrid. Produces 12- to 16-rowed, cylindrical or slightly tapering ears about 8 $\frac{1}{2}$ inches long. In a normal season on fertile soil this hybrid produces 50 to 75% two-eared stalks and will out-yield Stowell's Evergreen 25 to 40%. Postpaid: $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; lb. 60c; 2 lbs. \$1.10; pk. \$5.50.

Country Gentleman Hybrid. Although the ear resembles Country Gentleman in general, this hybrid will be found greatly superior to the old variety, especially as to uniformity and maturity. Has fine deep kernels, a heavier root system, and yields heavily. Postpaid: $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; lb. 65c; 2 lbs. \$1.10; pk. \$5.50.

POP CORN

Giant Yellow. Lb. 25c.

CRESS

Upland. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

CUCUMBERS

CULTURE—Sow seed about 1 inch deep in hills 4 to 6 feet apart each way when the weather has become settled. Thin out, leaving 4 strong plants in each hill. One ounce will plant 50 hills; 2 pounds will plant an acre.

Marketer. 60-65 days. A good early prolific variety which is now most popular with the shipper. Unusually trim and uniform. The fruits are 8 to 10 inches long, slightly tapered to each end and hold their rich dark green color very well. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

A. & G. The beautiful straight fruits grow about 10 inches in length and 2 $\frac{1}{2}$ inches thick, well rounded at the end and dark green, which color is held after picking much longer than most others. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Boston Pickle. A fine pickler. Very productive. Fruits small, shaped like Chicago Pickling, but less prominent spines. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

The Colorado Cucumber. A nice long dark green variety of recent introduction, that is becoming popular with truck growers. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Early Fortune. A decidedly early variety with fruits about 9 inches long, crisp and tender. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

TESTED VEGETABLE SEEDS -- Continued



Cucumber—Continued

Gherkin or Burr. Used for pickling. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Improved Early White Spine. The fruits are 5 to 7 inches long, smooth, slightly pointed, deep rich color. Very prolific. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Improved Long Green. Our stock of this sort is very fine. Fruits dark green, 10 to 12 inches long; crisp, and of the finest quality. A heavy yielder. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Early Cluster. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Richardson's
Griffith & Turner's
Wiseman-Downs'

ENDIVE

CULTURE—Same as Lettuce. One ounce of seed to 200 feet of row.

Batavian, or Broad-leaved. This variety forms large heads of broad, thick leaves, which are used for flavoring soups and stews. Requires to be tied up for blanching. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Giant Green Curled. For fall and winter crop. Finely cut leaves. Cultivate same as lettuce. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

EGGPLANT

CULTURE—Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet apart each way; cultivate frequently. One ounce of seed will produce 1000 plants.

Black Beauty. Nearly two weeks earlier than any other variety. Color is deep purple. Grown largely by market gardeners. Postpaid: Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

KALE

CULTURE—Sow from May to June $\frac{1}{2}$ inch deep in drills about $1\frac{1}{2}$ feet apart and cultivate like cabbage. For early spring use sow in September and protect during the winter. The flavor is improved by frost. One ounce produces about 2000 plants.

Extra-Curled New American. (63 days.) Blue-green leaves, very finely cut and of excellent flavor. Plant very productive. Height, 15 to 18 inches. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Dwarf Green Curled Scotch, or Norfolk. Hardy where temperature does not go below zero. Leaves are bright green, beautifully curled. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Siberian, or German Curled. Heavily curled. A fast grower; extremely hardy. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.25.

Spring, or Smooth. Early variety. Best for spring. Earlier than the winter varieties. Postpaid: Oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Dwarf Blue Scotch. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50

KOHL-RABI

CULTURE — Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulbs should be used while young and tender. Set plants 8 inches apart. Plants are grown as cabbage.

Early White Vienna. The best variety of this useful vegetable, the edible part of which is the enlarged, globe-shaped stem. Postpaid: Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

LEEK

CULTURE—Select good onion soil, manure liberally, and plant in April in rows $\frac{1}{2}$ inch deep and 18 inches apart, and thin to 6 inches apart in the rows. Gradually draw the earth around the plants when cultivating. Sow 1 ounce to 150-foot row, 4 pounds an acre.

Mammoth Flag. Pure white, with attractive dark leaves. Stout in habit and hardy. Postpaid: Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

ALL PRICES SUBJECT TO
CHANGE WITHOUT NOTICE



Kohl-Rabi

Richardson's
Griffith & Turner's
Wiseman-Downs'

TESTED VEGETABLE SEEDS -- Continued



Big Boston

LETTUCE

CULTURE—For a succession, sow seeds of Lettuces in the open ground around the middle of April. Lettuces must be thinned out to stand from 6 to 10 inches apart in the row to head properly. During July again sow early Butterhead varieties for a fall supply. One ounce will produce about 3000 plants.

Imperial No. 847. 83-86 days. A medium large, hard heading variety that does quite well in hot weather and is resistant to tip burn. It produces heads of good size and solidity where other strains fail. It is a little later than New York 44 and has larger heads. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.20; lb. \$3.40.

Big Boston. Large heads; leaves light green, slightly tinged brown at edges. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Cos Lettuce, or Romaine Salad. Heads blanch pure white and are of the most delicate flavor. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Early Curled Simpson. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Great Lakes. An outstanding type of new Crisp-head or Iceberg. A summer lettuce; it stands heat and sun, is remarkably slow to seed and is also very resistant to tip-burn. Heads medium size, solid and crisp. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

Grand Rapids. There is no better curled Lettuce for forcing. Does well outdoors and does not form heads. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Iceberg. Large, curly leaves of bright, light green, with slight reddish tinge at edges. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

New York, or Wonderful. Immense, very solid heads; heart blanches beautifully; tender and crisp. Fine for summer. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.25.

Simpson Black-seeded. One of the best large, early, loose-heading varieties. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

White Big Boston. Solid, of excellent quality, 10 days ahead of Big Boston, to which its general character is very similar. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Early Prizehead. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

MUSKMELON OR CANTALOUE

CULTURE—Sow when the ground has become thoroughly warm, in hills 5 to 6 feet apart each way. A few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about $\frac{1}{4}$ inch deep. Thin out to 2 or 3 strongest plants per hill. One ounce for 50 hills; 2 to 3 lbs. in hills per acre.

Early Rocky Ford. Its earliness is a distinct advantage to market growers. Closely netted; sweet and spicy. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Hale's Best No. 36. An improved strain adapted to shipping, roadside market and home garden. Slightly smaller than the original strain but more uniform in size. Net is very heavy, only a slight stripe showing, rind strong, flesh thick, good quality. Shape is slightly oval. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Hale's Best No. 45. A strain developed to resist powdery mildew. A good type Hale's, oval in shape, medium large, thick flesh, dark orange color, seed cavity very small. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Hale's Best No. 936—Jumbo. Similar to No. 36 except it is a larger or jumbo strain. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

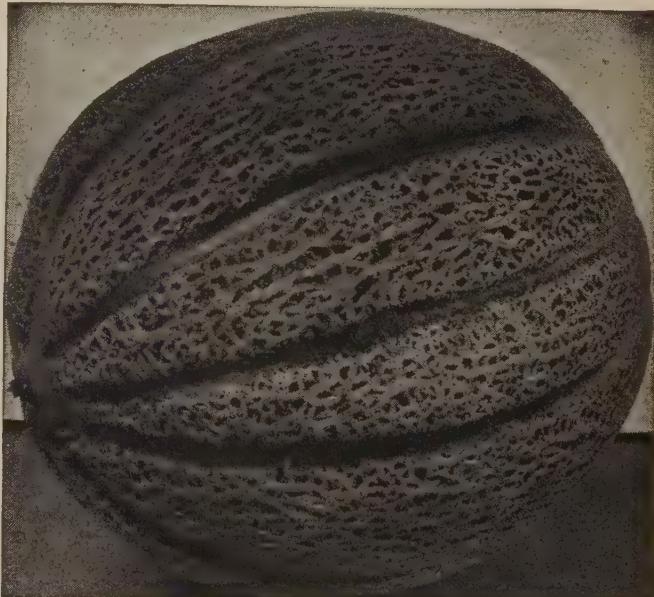
Hearts of Gold. An ideal shipping melon of finest quality. Rich orange, very thick, firm, and of delicious flavor. Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Honey Dew (Antibes). Fruit large, ovoid, about 10 inches long and 8 inches in diameter; surface smooth, hard, creamy white, turning to a lemon tint when fully ripe; flesh light emerald-green, very thick, ripening to the rind. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Improved Junior Rocky Ford. Uniform in size and has deep, rich green flesh, shading to salmon-pink at seed-cavity. Resistant to blight. Postpaid: Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

Long John. This variety is becoming very popular in Maryland in sections where Cantaloupes are grown extensively. It is a Rocky Ford type in every respect except the shape which is very long; it is also very rough and heavily ribbed. Matures about 10 days later than Rocky Ford. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

Pride of Wisconsin. A very large elongated shaped melon with very thick deep yellow flesh of lustrous quality. The rind is cream colored and slightly netted. Oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Improved Jr. Rocky Ford Cantaloupe

TESTED VEGETABLE SEEDS -- Continued

ONION SEED

CULTURE—To grow large Onions from seed, it should be sown as early as possible in the spring, as Onions grow much better during the cool weather, and should make most of their growth before the hot weather sets in. Sow 1 ounce to 100 feet, 5 pounds an acre, in rows 12 to 14 inches apart, 2 to 4 inches apart in rows. Onions for sets, sow 40 to 50 pounds an acre, in rows 10 to 12 inches apart.

Japanese, or Ebenezer. A Yellow Globe variety resembling Yellow Danvers, but is larger and a better keeper. Very popular. Postpaid: Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.35; lb. \$4.00.

Prizetaker, or Spanish King. Large and of extra-fine flavor. Outside skin rich yellow straw-color; flesh pure white, sweet, and mild. Postpaid: Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Red Wethersfield. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.65; lb. \$5.00.

Silverskin. A pure white Onion; very mild and sweet. Postpaid: Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Yellow Globe Danvers. Best-known and most largely grown yellow Onion for spring planting. Postpaid: Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



Dixie Queen

WATERMELONS

CULTURE—Watermelon seed should be planted in rich, sandy soil, in May and June, in hills 8 to 10 feet each way, 1 inch deep. Sow 3 ounces to 100 hills, 4 pounds an acre.

Blacklee. Wilt Resistant. Very fine flavor. The dark green rind is about half an inch thick; the flesh deep rich red; seeds black. The rind is very tough, making it excellent for shipping. Pkt. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Burrell's Grey. (90 days.) Far superior to other long grey melons. Fruits large, weighing, as a rule, 40 to 45 pounds; oblong and full. Color light greyish green. Rind extremely hard and tough, making it a good shipper. Pkt. 15c; oz. 35c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Dixie Queen. A large nearly round Melon with sweet, deep red flesh. Rind greyish green with dark stripes. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Florida Favorite. A large, long, early melon. Ships well. Its solid, juicy, bright crimson meat is deliciously sweet to the rind. Postpaid: Oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Florida Giant or Cannonball. The melons are oval shaped with blunt ends, dark green skin, firm, crisp, bright red flesh that is inclined to be coarse grained. It is the largest of the newly introduced varieties. The seeds are black. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

Garrison (Coker). A long light melon with dark green irregular stripes. Flesh beautiful red, tender and sweet. Dingy white seed. Pkt. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

Hawkesbury. Vines vigorous. Melons weigh 30 pounds or more. Light grey-green rind which is tough. Flesh red, no trace of hard centers. Black seeds. Resistant to fusarium wilt. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Leesburg, or Wilt Resistant Kleckley's Sweet. Often reaching 50 pounds. Dark green skin; thin rind; flesh bright scarlet, with solid heart, delightfully sweet, ripening right up to the thin rind. Postpaid: Oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Schochler Improved. Fruits very long, large, dark green, with very faint stripes; rind hard and tough. Flesh rich red, fine grained, of good quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Stone Mountain. Almost round; dark green rind; medium thick, rich scarlet flesh. Not unusual to grow Stone Mountain weighing 40 to 65 pounds. Seed white with black tips. Postpaid: Oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Tom Watson. Long, dark green, like Kleckley Sweet but larger and has a tougher rind, giving it exceptionally fine shipping qualities. Postpaid: Oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

MUSTARD

CULTURE—Mustard has grown popular both as a salad and for greens. Sow in spring, and every 2 weeks up to July, in shallow drills 1 to 1½ feet apart. Use the leaves when young, before flower buds appear. One ounce of seed will sow 75 feet of drill.

Southern Giant Curled. Forms a mass of leaves, curled and crimped around the edges. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

Tendergreen (Mustard Spinach). Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.

OKRA OR GUMBO

CULTURE—Sow in rich, warm soil, about the middle of May, in drills 3 feet apart and cover an inch deep. Thin to 1½ feet. One ounce of seed will sow 30 feet of drill.

Dwarf Long Island Green-Pod. Produces a great abundance of dark green pods of the best quality. Postpaid: Oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

PARSNIPS

CULTURE—The seed should be sown as early as the ground is fit—never later than mid-May. Make the rows 1½ feet apart and cover the seed about ½ inch deep. Thin out the plants to stand 4 to 5 inches apart. Give frequent deep cultivation. One ounce of seed will sow 100 feet of row.

Sugar, or Hollow Crown. Long, smooth, white roots, tender and well flavored. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

PARSLEY

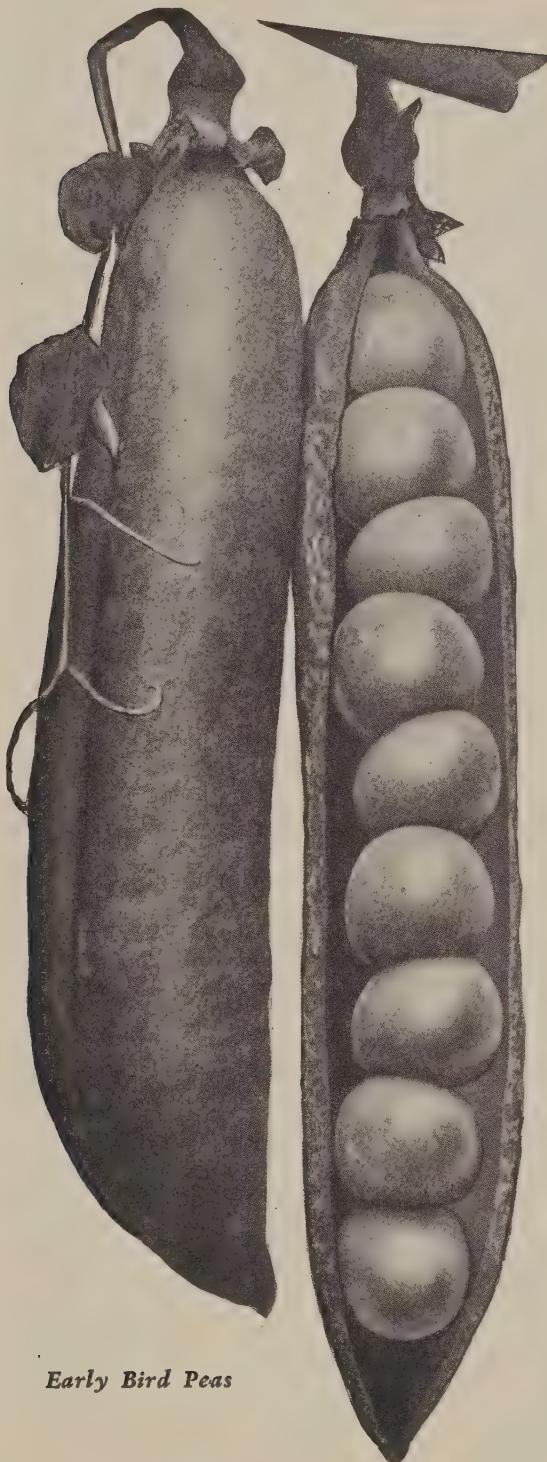
CULTURE—Sow in early spring in rows 1 foot apart and cover firmly ¼ inch deep; thin out to 6 inches. One ounce of seed will sow 200 feet of drill.

Double Curled. The most densely curled of all, being very like some luxuriant moss. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Hamburg, or Rooted. A rooted variety of which the roots are the portion used; good in flavoring soups and stews. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Plain, or Single. A strong, hardy plant which is excellent for seasoning. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Richardson's
Griffith & Turner's
Wiseman-Downs,



Early Bird Peas

GARDEN PEAS

CULTURE—There are two classes of Peas, the smooth-seeded kinds, which are very hardy and may be planted as early in the spring as the ground can be prepared, and the wrinkled Peas, which are less hardy but much better in quality. Wrinkled Peas should not be sown much before mid-April. Sow in drills about 3 feet apart and 3 inches deep.

By planting 1 or 2 varieties of smooth-seeded Peas as early as possible and then a selection of wrinkled sorts that will mature in succession, a constant supply of tender green Peas may be had. Two pounds will sow 100 feet of row, 2 bushels to the acre in 3-ft. rows.

TESTED VEGETABLE SEEDS -- Continued

Wrinkled Varieties

Champion of England. Grows 4 to 5 feet high; abundant bearer. Pods 3 inches long. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Early Wonder. Finest early wrinkled Pea. Pods handsome, bluish green, 4 inches long, and filled with 8 large, dark green Peas of superb quality. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Gradus, or Prosperity. One of the best early varieties. Pods are large, well filled, and of unsurpassed quality. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Laxtonian. Produces large, very dark green pods 4 inches long, filled with Peas of delicious flavor. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Little Marvel. A very early wrinkled variety, extra fine in flavor, tender and sweet. Very prolific. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

McLean's Little Gem. Very early; delicious flavor. Prolific. Vines 1 $\frac{1}{4}$ feet high. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Nott's Excelsior. One of the earliest Sugar Peas. Vine vigorous and a heavy bearer, about 12 inches high. Pods about 3 inches long. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Thomas Laxton. Early; of good quality. Hardy, strong grower, bearing abundantly. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Telephone Improved. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Smooth Varieties

Ameer. Larger, more prolific strain of Alaska, ripening a few days later. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

Dwarf Grey Sugar. Grows 18 inches high and produces a heavy crop of small, flat pods. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

Early Bird. Extremely early, of superb quality and unusual productiveness. Dwarf, vigorous vines bear an abundance of large, green pods, filled with delicious Peas. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

Edible-podded Mammoth Melting Sugar. Height about 4 feet. The pods are borne in great profusion, and should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 50c; 2 lbs. 95c; 15 lbs. \$4.50.

Extra-Early Alaska. Pods are well filled of good length, and beautiful green color. $\frac{1}{4}$ lb. 20c; lb. 30c; 2 lbs. 55c; 15 lbs. \$3.00.

Long-podded Alaska. Very good early shipper. Vines 3 feet high, with frosty, green pods and fine flavor. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

PRICES OF PEAS F.O.B. BALTIMORE
POSTAGE EXTRA

PEPPERS

CULTURE—Start seedlings in hotbed about March 1 and transplant to garden about middle of May, 15 to 18 inches apart in rows 18 to 30 inches apart. Sow 1 ounce to produce 1000 plants, 8 ounces an acre; 11,000 to 12,000 plants an acre.

California Wonder. Of squat shape, making it fine for stuffing and serving individually. The flesh is very thick, sweet and mild flavored. Postpaid: **Pkt. 10c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$7.50.**

Chinese Giant. Most popular of the older varieties. Very early, of good size and flavor, with thick flesh. An excellent shipper. Postpaid: **Pkt. 10c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; lb. \$7.50.**

Long Red Cayenne. Well-known narrow, bright red Pepper, used for various culinary purposes. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Ruby King. This splendid large, early Pepper has been most profitable for market gardeners. Very mild and sweet. Extremely productive. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Sweet Bullnose. Vigorous and stocky, carrying the fruit well throughout the season. Slightly smaller than Ruby King and not quite as mild. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

Red Chili. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

World Beater. Postpaid: **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.**

PUMPKINS

CULTURE—Plant in May 1 inch deep, in hills 8 feet apart. Use 10 seeds to each hill, as bugs often destroy the young plants, but allow only 2 or 3 healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes. Sow 1 ounce to 100 feet, 4 pounds an acre.

Connecticut Field (Large Yellow). Excellent for stock-feeding. Postpaid: **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.**

Green Striped Cushaw. Large, with crooked neck; creamy white, irregularly striped or traced with green. Flesh light yellow, very thick and sweet. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

King of the Mammoths. Sometimes weighs over 100 pounds. The flesh is golden yellow. An excellent keeper. Postpaid: **Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.**

New England Pie (Sugar). Small, round, very sweet, fine grained, and of the best quality. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

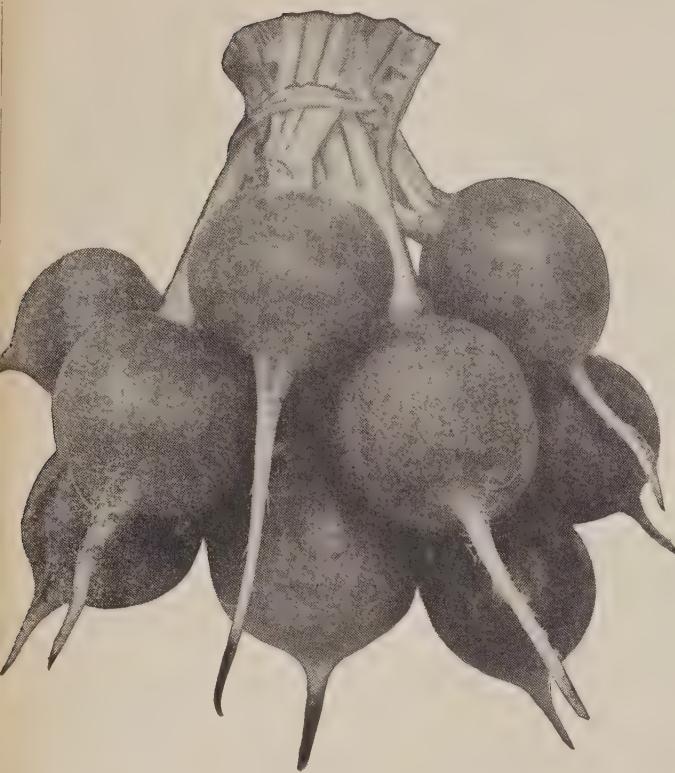
Sweet Potato. Finest variety for table. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

Japanese Pie. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

Kentucky Field. Postpaid: **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.**

Large Cheese. The fruits are very flat, with heavy ribbing, dull orange surface with heavy bloom. The flesh is dull orange color very thick and of good flavor. Postpaid: **Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

TESTED VEGETABLE SEEDS -- Continued



Scarlet Globe Radish

RADISHES

CULTURE—Sow seed as soon as ground becomes warm, put out successive plantings every 10 days, in rows 10 to 15 inches apart, $\frac{1}{2}$ inch deep, and thin to 1 to 2 inches apart. Sow 1 ounce to 100 feet, 8 to 10 pounds an acre. Winter varieties are planted in August for winter use. The roots keep well if stored in a cool place.

Chartier, or Shepherd. Long, crimson, tipped with white. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Cincinnati Market. Small tops about 6 inches long. Bright scarlet; delicate skin. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Early Scarlet Globe. Earliest Radish. Beautiful, transparent, round, bright red, remarkably crisp. Small tops, short leaves. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Early Scarlet White-tipped Turnip. A scarlet variety of handsome shape, having a white-tipped root. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 90c.

French Breakfast. A white-tipped, olive-shaped sort, and one of the earliest for forcing. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Giant White Stuttgart. An immense white summer Radish. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Long White Icicle, or Lady Finger. Early long white variety of slender form, tender, crisp, and with delicate flavor. Fine for forcing. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

White Summer Strasburg. Oblong, tapering, crisp and tender; both flesh and skin pure snow-white. Grows very quickly, and can be sown throughout the summer. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Long Scarlet Short Top. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Winter Radishes

Celestial, or White Chinese. The finest of the Chinese varieties, growing to a very large size. The roots are shaded by its heavy foliage, and are always crisp and mild. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Chinese Rose. Half-long, pink, solid, mild flesh. Sow in August. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

Long Black Spanish. The hardiest long Radish, especially adapted for winter use. Thick, almost black, with white flesh of firm texture. Postpaid: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Round Black Spanish. The radish is round, 3 to 4 inches in diameter. The skin is a rich black color with very clear white flesh. The flavor is excellent and the radish keeps well. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

RHUBARB OR PIE PLANT

CULTURE—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills, 1 inch deep, a foot apart; thin to 4 to 5 inches. Keep soil loose and free from weeds. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm, and very rich soil. Sow 1 ounce to 100 feet, 3 pounds an acre; 5000 to 7000 roots an acre.

Myatt's Victoria. The most popular variety. Comes quite true from seed.

Seed: Postpaid: Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

Roots: Extra-large, 2-yr. Each 20c; Doz. \$2.25. (Mailing weight 2 lbs. each; postage extra.)

SALSIFY (Oyster Plant)

CULTURE—Sow in early spring, in light, rich soil, $\frac{1}{2}$ inch deep, in drills 14 inches apart, and thin the plants to 3 to 4 inches apart. The roots will be ready for use in October and will sustain no injury by being left in the ground during the winter. Sow 1 ounce to 1000 feet, 8 pounds an acre.

Mammoth Sandwich Island. The most popular Salsify in cultivation, weight, and productiveness. A strong grower with large, long, white tapering roots without a tendency to branch. Postpaid: Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

SPINACH

CULTURE—For summer use, sow early in spring, covering the seed 1 inch deep, 3 to 6 inches apart, in rows 12 to 18 inches apart. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For a very early spring crop, sow in September, and protect the plants through the winter by top-dressing. Sow 1 ounce to 60 feet, 10 to 12 pounds an acre; broadcast 20 pounds an acre.

Richardson's
Griffith & Turner's
Wiseman-Downs'

Long-Standing Bloomsdale. Remain in condition for use 10 days longer than the regular Bloomsdale before bolting to seed. Recommended for spring sowing. Heavily crumpled, dark green foliage. Oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

New Zealand. Thrives during the hottest summer weather and in any soil. The tender tips may be cut every few days; continues till frost. Soak for 24 hours and plant 4 seeds in hills 2 feet apart each way. Oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Re-selected Bloomsdale Savoy. The most popular variety. Very early; hardy; curled leaves. Oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Old Dominion. A long-standing strain of Blight Resistant Virginia Savoy. Best adapted for sowing in late fall for an early spring crop. Oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Virginia Savoy Blight Resistant. This is a blight resistant strain of Savoy. Oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SQUASH

CULTURE—Plant the bush kinds in well-drained ground, enriched with rotted manure, in hills 5 feet apart each way; the winter kinds 10 to 12 feet apart each way. One ounce of seed for 25 hills; 3 to 4 pounds per acre.

Bush Varieties

Acorn or Table Queen. Acorn-shaped, 5 in. long and 4 in. thick; deeply ribbed, dark green skin and light orange flesh that cooks dry and sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Cocozele Bush. Compact growth. Fruits are oblong, 12 in. or more in length, 4 to 5 in. in diameter. Skin dark green, striped. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Early Prolific Straightneck. 51-55 days. Improved Giant Straightneck. The fruits are 8 to 10 inches long, 2 to $2\frac{1}{2}$ inches in largest diameter. It is long, slender, pear-shaped, with rounded or abruptly tapered tip; smooth or sparsely warted; light yellow in the edible stage. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

Early White Bush, or Patty-Pan Cymbeling. Popular. Squash for home use and market. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Green Tint Benning. Very similar to White Bush except the fruit has an attractive green tint. Very popular with market gardeners. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Golden Summer Crookneck. Early, best, and richest summer Squash. Very productive. A foot long, with crooked neck, densely warty. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Running Varieties

Boston Marrow. In form and size similar to Hubbard. Shell bright orange; flesh yellow and firm. The best for canning or pies. Postpaid: Oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

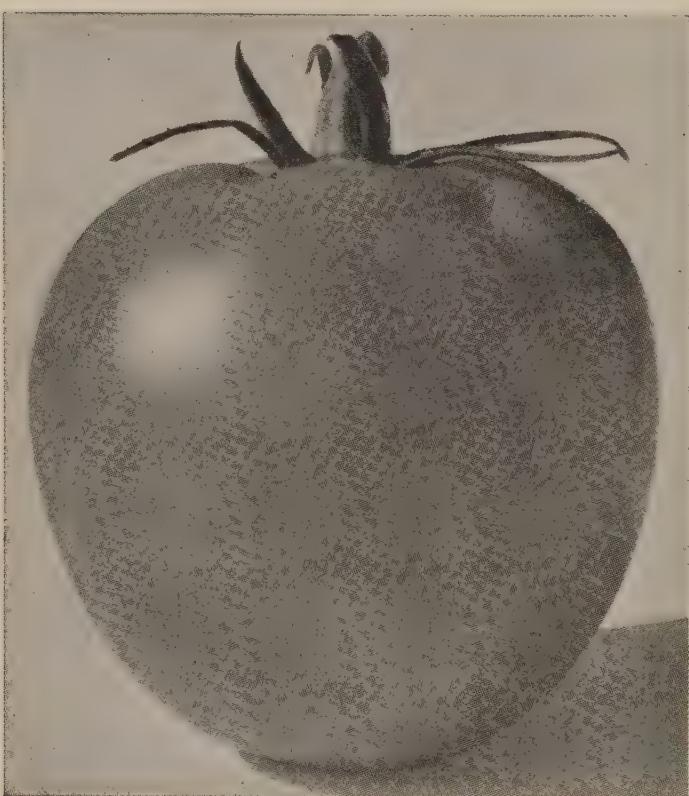
Golden Hubbard. Similar to Hubbard, except that it is smaller, matures earlier and is of an orange-red color, except for a bit of olive-green on the blossom end. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

True Hubbard. Fruits large, olive-shaped, with dark green skin and very rich flesh. An excellent keeper and of splendid quality. Postpaid: Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Blue Hubbard. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

TESTED VEGETABLE SEEDS -- Continued

TOMATOES



Rutgers Tomato

SWISS CHARD

CULTURE—Swiss Chard replaces spinach during the hot weather and is as easy to grow as beets. Sow the seed during April or May in rows 16 to 20 inches apart and thin the seedlings to stand 1 foot apart in the row. The plants are quite hardy and will yield throughout the summer and fall until frost. The leaves are prepared like spinach, the white midribs like asparagus. A packet will sow 25 feet of row; an ounce 100 feet; 4 pounds per acre.

Fordhook Giant. The rich blue-green leaves are much crinkled and average 10 inches by 2½ feet, thick and fleshy. **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Giant Lucullus. Grows 2½ feet high. Leaves heavily crumpled, very crisp. **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.**

Materials Suggested for Control of

TOMATO BLIGHT

7% "Duo Copper Dust"

Apply at rate of 40 to 50 lbs. per acre at seven-day intervals.

5 lb. bags.....	each \$1.00
50 lb. bags.....	each 4.50
100 lbs.	each 8.50
500 to 1,000 lbs....	per cwt. 8.00
Ton lots.....	per cwt. 7.75

CULTURE—One ounce seed will produce about 2000 plants. Sow seed in March and April in the hotbed, or in pots in a sunny exposure in the house. Transplant when 2 to 3 inches high. When ground has become warm, transplant, on a rainy or cloudy day. Set the plants 4 x 4 feet, 3000 plants per acre.

Beefsteak, or Crimson Cushion. Quality is splendid. Grown for family use. Postpaid: **Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.**

Bonnie Best. Early, smooth, bright red Tomato of medium size. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.**

Break o' Day. Resembles Marglobe in shape, size, color, and solidity. It is blight-resistant and a heavy yielder. Fruit ripens along with the earliest varieties. **Oz. 40c; ¼ lb. \$1.75; lb. \$6.00.**

Greater Baltimore. A canning Tomato upon which dependence can be placed under most adverse conditions to produce large, smooth, and solid fruit. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.50.**

Indiana Baltimore. **¼ lb. \$1.25; lb. \$4.50.**

John Baer. One of the best early Tomatoes. A heavy cropper. Fruit bright red or scarlet, of good quality. Postpaid: **Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$5.00.**

Marglobe. Uniform, large, smooth, bright, red fruits. Heavy bearer and matures second early. Blight resistant and has proved valuable where Tomato diseases are troublesome. Postpaid: **Pkt. 10c; oz. 40c ¼ lb. \$1.25; lb. \$4.00.**

Marglobe Certified. **¼ lb. \$1.75; lb. \$6.00.**

New Stone. Postpaid: **Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$4.50.**

Oxheart. 86 days. One of the largest tomatoes ever introduced, some fruits weighing 2 lbs. each. The oxheart shape of the pinkish red fruits is most distinct; interior is extremely solid. **Pkt. 25c; ½ oz. 85c; oz. \$1.50.**

Ponderosa. It is undoubtedly the largest, meatiest, and finest flavored Tomato in cultivation. Postpaid: **Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.**

Pritchard (Early Red). Color intense scarlet. A most important feature of this variety is its early maturity. **Oz. 45c; ¼ lb. \$1.35; lb. \$4.50.**

Pritchard Certified. **¼ lb. \$1.75; lb. \$6.00.**

Rutgers Certified. **¼ lb. \$1.75; lb. \$6.00.**

Valiant. Coming between Earliana types and Marglobe and Rutgers, Valiant will yield a fine crop averaging 7 oz. per fruit where it can mature most of its crop before severe heat comes in July. It has done wonderfully well in New Jersey. Smooth, heavy, solid and of fine quality. Owing to its sparse vine growth, it is subject to sunburn in sections where early maturity is not possible. **Oz. 60c; ¼ lb. \$1.75; lb. \$6.50.**

TURNIPS and RUTABAGAS

CULTURE—Turnips thrive best in cool weather. The early flat sorts may be sown from very early spring up to the middle of May. The main crop for fall and winter use should be sown in July or August. Sow the seed in drills 1 to 1½ feet apart and thin out to stand 4 inches apart.

Early Purple-top Strapleaf. Flat, white with purple top; fine-grained and tender. Used for early market and table. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Large White Norfolk Globe Pomeranian. Makes large, round, handsome, white roots. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Large Yellow, or Amber Globe. Large globe-shaped; solid yellow flesh; green top. Fine for table and stock. Keeps well throughout the winter. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Purple-top White Globe. The most popular Turnip for market and table use. Makes large, globe-shaped roots, pure white, with purple top. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Seven-top. The old standard popular salad variety, grown exclusively for this purpose. **Oz. 15c; ¼ lb. 20c; lb. 60c.**

Golden Ball. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Rutabaga, Improved American Purple-top. The finest yellow-fleshed Rutabaga grown. Hardy, sweet, good keeper. **Oz. 15c; ¼ lb. 35c; lb. \$1.00.**

YELLOW TOMATO

Burpee's Jubilee. 72 days. Fruits are bright golden orange, deep globe shaped, weigh about 6 ozs.; the orange colored interior is modern, thick-walled, with few seeds and most attractive when sliced. The juice is rich, orange colored, full flavored and really delicious. Very high in Vitamins A and C. The plants bear over a long season. **Pkt. 15c; ¼ oz. 40c; ½ oz. 75c; oz. \$1.40.**

Golden Queen. Large size, smooth fruits of bright golden yellow. Thick and meaty yellow flesh of excellent flavor and mild acidity. **Pkt. 10c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.75.**

Used Principally for Preserving

Small-Fruited Tomato

Yellow Pear. Small, yellow, pear-shaped fruits of exceedingly mild and pleasing flavor. **Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.**

Yellow Plum. The size and shape of a plum. Bright lemon-yellow; fine for preserves or salads. **Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.**

VEGETABLE PLANTING CHART

Richardson's
Griffith & Turner's
Wiseman-Downs'

Vegetable	Depth to Cover (inches)	Space Between Rows	Space to Set Plants or Thin Out Seedlings	Time Required to Produce Crop Ready for Use	Approximate Yield per 20 ft. of Row	Seed Required to Sow One Acre	Time to Plant in Open Ground	
							South	North
Asparagus	Seeds, 1 in. Plants, 4 in.	3 to 4 ft.	15 in.	Seeds 4 years Plants 2 years	50 bunches of 1 doz. each for entire patch	4 lbs. 6500 plants	Autumn or early spring	Early spring
Beans (Limas, see below) { Bush Pole	1 in.	2 ft.	4 in.	60 to 90 days	8 qts.	50 lbs.	Late spring	May and June
	1 in.	3 ft.	3 ft.	90 to 120 days	10 qts.	30 to 50 lbs.		
Beet	½ in.	18 in.	2 to 3 in.	60 to 80 days	8 doz. roots	8 lbs.	Feb. to April— Aug. to Sept.	April to Aug.
Broccoli	¼ in.	2½ ft.	24 in.	120 days.	60 heads	4 ozs.	Same as cabbage	May and June
Brussels Sprouts	¼ in.	2½ ft.	24 in.	120 days	20 qts.	4 ozs.	Jan. to July	Mar. to June
Cabbage	¼ in.	2½ ft.	18 to 24 in.	100 to 150 days	10 heads	3 ozs.	Oct. to Dec.— June and July	Mar. to June
Chinese Cabbage	¼ in.	2½ ft.	12 in.	80 to 100 days	20 heads	3 ozs.		
Carrot	½ in.	2 ft.	2 to 4 in.	45 to 60 days	5 doz. roots	3 to 4 lbs.	Mar. & Apr.—Sept.	April to June
Cauliflower	¼ in.	2 to 3 ft.	24 in.	120 to 150 days	8 to 10 heads	3 ozs.	Jan. & Feb.—June	April to June
Celery	½ in.	3 ft.	6 in.	100 to 120 days	2 doz. stalks	4 ozs.	Aug. and Oct.	May and June
Corn, Sweet	2 in.	3 ft.	12 in.	80 to 120 days	40 ears	8 to 10 lbs.	Feb. to April	May to July
Cucumber	¼ in.	4 ft.	3 to hill	60 to 80 days	60 to 80 pickles	2 lbs.	Feb. & Mar.—Sept.	April to July
Eggplant	½ in.	2½ ft.	24 in.	100 to 120 days	30 to 40 fruits	5 to 6 ozs.	Feb. to April	April and May
Endive	½ in.	2 ft.	10 to 12 in.	60 to 80 days	30 to 40 plants	4 to 5 lbs.	Feb. to April	April and July
Kale	½ in.	2½ ft.	12 in.	80 to 100 days	20 plants	4 to 5 lbs.	Oct. to Feb.	Aug. to Sept. Mar. and April
Leek	½ in.	2 ft.	4 in.	100 days	60 plants	4 lbs.	May to Sept.	Mar. to May
Lettuce	½ in.	2 ft.	10 to 12 in.	45 to 60 days	35 heads	3 lbs.	Sept. to Mar.	Mar. to Sept.
Melon, Musk	¼ in.	4 ft.	3 to hill	100 to 120 days	30 fruits	3 to 4 lbs.	Feb. to April	April to June
Beans, { Bush Limas Pole	1 in.	3 ft.	3 to 6 in.	100 days	6 qts.	30 to 50 lbs.	April to Sept.	May 1 to Aug. 10
	1 in.	4 ft.	3 ft.	120 days	8 qts.	25 lb.	April to Sept.	May 1 to Aug. 10
Onions	½ in.	18 in.	4 in.	80 to 110 days	80 onions 10 to 20 lbs. per row	5 lbs.	Oct. to Mar.	April to May
Onion Sets	1 in.	18 in.	4 in.	60 days	80 onions	12 to 15 bu.	Early spring	Autumn— Feb. to May
Peas	2 in.	2½ ft.	1 in.	60 to 100 days	10 to 20 qts. of pods	100 to 120 lbs.	Sept. to April	Mar. to June
Pepper	½ in.	3 ft.	2 ft.	100 days	10 doz. peppers	½ to 1 lb.	Early spring	May and June
Potatoes	4 in.	3 ft.	12 in.	100 days	35 to 60 lbs.	10 bu.	Jan. to April	Mar. to June
Potatoes, Sweet	3 in.	3½ ft.	18 in.	5 mos.	1 to 1½ bu.	6,000 plants	April and May	May and June
Pumpkin	½ in.	4 to 6 ft.	3 to hill	100 to 120 days	15 to 20 fruits	3 to 4 lbs.	April and May	May and July
Radish	½ in.	18 in.	1 to 4 in.	30 to 60 days	10 to 15 doz.	10 to 12 lbs.	Sept. to April	Mar. to Sept.
Rhubarb	1 in.	3 ft.	3 ft.	60 days	6 doz. stalks	3 lbs.		Early spring
Rutabaga	½ in.	2 ft.	6 in.	90 to 100 days	50 to 60 roots	2 to 4 lbs.	Aug. and Sept.	May and June
Spinach	¼ in.	18 in.	4 in.	60 days	50 to 60 plants	15 to 20 lbs.	Sept. to Feb.	Sept. or very early spring
Spinach, N. Zealand	1 in.	18 in.	3 in.	2 mos.				May and June
Squash	¼ in.	4 to 6 ft.	3 to hill	100 to 120 days	2 doz. fruits, bushvar.	4 to 6 lbs.	Spring	April to July
Swiss Chard	½ in.	2 ft.	12 in.	90 to 100 days	20 plants	4 lbs.	Feb. to Sept.	April to Aug.
Tomato	½ in.	3 to 4 ft.	3 ft.	100 to 120 days	15 to 20 lbs. per plant during season	2 ozs.	Dec. to Mar.	Late April
Turnip	½ in.	2 ft.	4 in.	60 days	60 to 80 roots	2 lbs.	Aug. to Oct.	April to Aug.
Watermelon	½ in.	6 ft.	4 to 6 ft.	3 to 4 mos.	8 to 10 melons	4 lbs.	Feb. to April	April to June

Weight of Agricultural Seed per Bushel, Quantity, Time, and Depth of Sowing

KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches	KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches
Alfalfa—Broadcast.....	60	18 to 22	Spring and ea. Fall....	½ to 1	Millets, Hung., for hay.	48	48	Late May to ea. July ..	½ to 1
Alfalfa—Drilled.....	60	12 to 15	Spring and ea. Fall....	½ to 1	Oats.....	32	60 to 80	March, April.....	1 to 1½
Barley, spring.....	48	120 to 150	March, April.....	1 to 1½	Orchard Grass for hay..	14	21 to 28	Ea. Spring-Fall.....	½ to 1
Barley, winter.....	48	120 to 150	Aug. to Oct.....	1 to 1½	Peas, Austrian winter..	60	30 to 35	Aug., Sept., Oct.....	2
Bermuda Grass.....	40	4 to 6	March to May.....	½	Peas, Canada Field (broadcast).....	60	120 to 150	Early Spring.....	1 to 2
Blue Grass, Ky., for lwn.	14	125	Ea. Spring, Ea. Sept..	½	Peas, Cow, broadcast....	60	75 to 90	May or June.....	1 to 2
Blue Grass, Ky., for past	14	20 to 30	Ea. Spring, Ea. Sept..	½	Peas, Cow, drilled.....	60	25	May or June.....	1 to 2
Broom Corn.....	48	5 to 8	April, May.....	1 to 1½	Rape, broadcast.....	50	5 to 8	Ea. May to late July ..	½ to 1½
Buckwheat.....	52	50 to 60	Late Spring.....	1 to 1½	Rape, drilled.....	50	4 to 5	Ea. May to late July ..	½ to 1½
Clover, Alsike.....	60	4 to 5	Winter to April.....	½ to 1	Red Top, Fancy.....	32	8 to 10	April or ea. Sept.....	½
Clover, Crimson.....	60	12 to 15	July to Oct.....	½ to 1	Rye, Grain.....	56	84 to 112	Sept. to Nov.....	1 to 1½
Clover, Mammoth Sap.	60	6 to 10	Winter, early April..	½ to 1	Rye, Grass.....	24	28 to 35	April or ea. Sept.....	½
Clover, Red.....	60	6 to 10	Winter, early April..	½ to 1	Sorghum Forage, broad..	50	40 to 50	May, June.....	1 to 1½
Clover, Sweet, white or yellow.....	60	12 to 15	Ea. Spg., Aug., Sept..	½ to 1	Sorghum Forage, drilled	50	8 to 10	May, June.....	1 to 1½
Clover, White Dutch...	60	6 to 8	March to April.....	½ to 1	Soy Beans, broadcast...	60	75 to 120	May, June.....	1 to 2
Crotalaria.....	40	12 to 15	April, May, June.....	¾	Soy Beans, drilled.....	60	25	May, June.....	1 to 2
Fescue, Meadow.....	24	20 to 30	Ea. Spg., Aug.-Sept..	½	Sudan Grass, broadcast.	40	20 to 30	Late May to ea. July ..	½ to 1
Fescue, other varieties..	14	28 to 35	Ea. Spg., Aug.-Sept..	½	Sudan Grass, drilled...	40	10 to 15	Late May to ea. July ..	½ to 1
Lespedeza — Common.....	25	25-30	Ea. Spg. after frost...	1 to 2	Sunflower.....	32	6 to 8	May.....	1 to 2
Lespedeza—Kobe.....	25	20-25	Ea. Spg. after frost...	1 to 2	Timothy.....	45	8 to 10	Spring and Fall.....	½
Lespedeza—Korean....	25	20-25	Ea. Spg. after frost...	1 to 2	Vetch, Winter or Hairy	60	40 to 60	June to Sept.....	1 to 2
Lespedeza Sericea (hld.)	60	25 to 30	Early Spring.....	1 to 2	Vetch, Spring.....	60	40 to 60	March or April.....	1 to 2
Millets—for hay.....	50	30	Late May to ea. July...	½ to 1	Wheat, Winter.....	60	75 to 90	Sept. to Nov.....	1 to 1½

CLOVERS, PASTURE MIXTURES, MISCELLANEOUS FARM SEEDS

Prices on all Field Seeds are subject to fluctuations. We will be glad to quote you firm prices on request. Orders entrusted to us will be filled at the lowest price of the day received.

BUCKWHEAT

Plant from June 1 to July 15, 1 bushel broadcast to the acre. Lb. 15c; bushel of 48 lbs. \$4.50.

RE-CLEANED CLOVERS

Clovers weigh 60 pounds per bushel
Alfalfa or Lucerne (*Medicago sativa*). Northwestern-grown seed. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre.

Alsike, or Swedish Clover (*Trifolium hybridum*). One of the hardest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone.

Crimson Clover (*Trifolium incarnatum*). Used principally for soil-ing or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. Lb. 30c.

Mammoth, or Sapling Red Clover (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth. Sow early in spring or in July and August using 6 pounds per acre.

Medium Red Clover (*Trifolium pratense*). Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August. 6 pounds per acre.

Lespedeza. Japan Clover. A substitute for alfalfa on poor land. Sow in spring, after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. Lb. 20c.

White Blossom Sweet or Bokhara Clover (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall.

White Dutch Clover (*Trifolium repens*). For Lawns and Pasture. Choice re-cleaned seed. Sow 5 lbs. per acre. $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; \$1.00 per lb.; 5 lbs. \$4.75.

COWPEAS

One of the best, largest-yielding, and moist nutritious of farm crops. They provide the most inexpensive method of bringing soil back to fertility, as they grow in the poorest kind of soil, leaving it rich in ammonia. Brown Whippoorwills or mixed, write for prices.

SOY BEANS

This valuable plant enriches the ground by the free nitrogen gathered from the air, which is deposited in the ground by the roots. Fodder is relished either green or dry by cattle.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high quality hay.

Mammoth Yellow. Late. Heavy yielder.



BARLEY

Bearded Winter. Needs a rich land and lighter than that adapted to wheat. It should be cut before fully ripe, if for hay, as it is then of better quality, and less liable to shell. Sow $1\frac{1}{2}$ to 2 bushels if drilled; 2 to $2\frac{1}{2}$ bushels broadcast. Bu. of 48 lbs. \$3.25.

MILLET, GOLDEN

Can be sown as late as July 15th and yields a tremendous crop. Lb. 15c; Pk., \$1.50; bu. \$5.50.

OATS

Swedish Type White and Fulghum. Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bus. per acre. Price on application.

ORCHARD GRASS

(*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 30c; 10 lbs. \$2.75.

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. Lb. 30c; 10 lbs. \$2.75

Seed Rye and Wheat Prices on application.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 35 pounds per bushel. Lb. 20c.

VETCH, WINTER

Sand, Winter, or Hairy Vetch (*Vicia villosa*). Thrives on poor arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 50 pounds to the acre.

PERMANENT PASTURE MIXTURES

For Upland or Lowland

Please state whether you want a mixture for upland or low ground. Use 40 to 60 lbs. per acre. Per lb. 45c; 25 lbs. \$9.50; 100 lbs. \$35.00.

MISCELLANEOUS GRASSES

Blue Grass, Kentucky, Fancy Recleaned (*Poa pratensis*). Rated as one of the best permanent grasses, especially useful for lawns and meadows. Lb. 65c; 10 lbs. \$6.00.

Creeping Bent Grass (*Agrostis stolonifera*). An excellent variety for lawns, succeeding well in moist situations and producing a dwarf, velvety growth. Lb. \$1.25.

Fescue, Red or Creeping (*Festuca rubra*). An excellent bottom grass, forming a close and lasting turf. It resists extreme drought and thrives on very inferior soils. Lb. 90c; 10 lbs. \$8.50.

Red-Top, Fancy Recleaned. This grade of seed is entirely free from chaff. For pasture, sow 15 pounds; for lawns, 25 pounds per acre. Lb. 35c; 10 lbs. \$3.00.

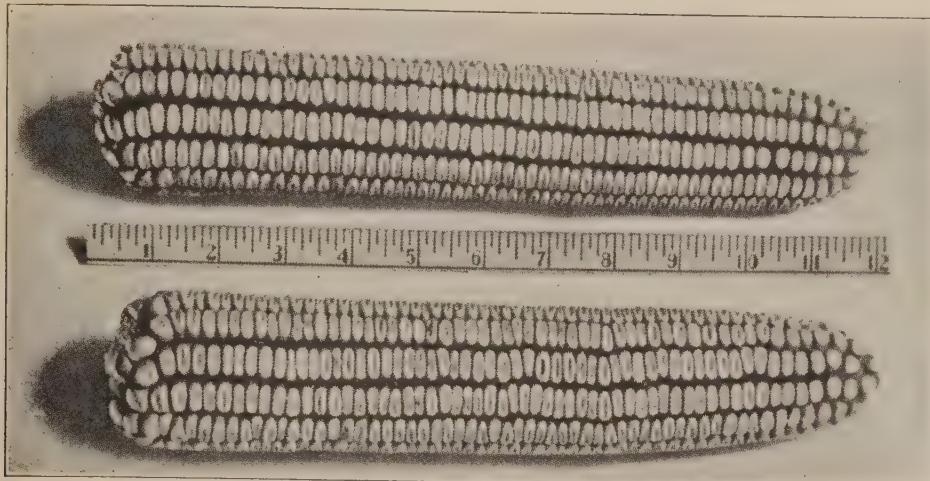
Rye Grass, English Perennial. (*Lolium perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns. Lb. 35c; 10 lbs. \$3.25.

Rye Grass, Domestic. A valuable grass when quick results are required. Lb. 25c; 10 lbs. \$2.25.

Timothy (*Poa pratense*). A grass of high value for hay and pastures. Lb. 15c; 10 lbs. \$1.40.

Please Note—All Prices on This Page F.O.B. Baltimore and Subject to Change Without Notice

FIELD CORN



56 lbs. to the bushel. One bushel plants 5 to 6 acres.

Our Field Corn is especially grown for seed purposes. It is all hand selected, tipped, and butted. We have exercised the greatest care in selecting strains for their high yields and adaptability to this climate and location.

OPEN POLLINATED SEED CORN

Boone County White. Matures in 125 days, roasting ears in 95 days; 9 feet tall.

Eureka Ensilage. 100 days. Eureka is more universally grown for ensilage than any other one variety. It is a double purpose corn, for, aside from being a first-class ensilage corn, as a field variety it ranks high in yield.

White Ensilage. Our improved strain has larger ears, more grain, and yields 20 per cent more silage than ordinary Eureka.

Improved Early Leaming. Matures in 110 days, roasting ears in 82 days; 8½ feet tall. The ears are yellow, 9 inches long, rough dent, 16 to 18 rows of deep grains, closely set on small red cob.

Lancaster Surecrop. Matures for silage in 90 days, for grain in 100 days. It makes the largest ear of any early Corn.

Reid's Yellow Dent. Matures in 119 days, roasting ears in 91 days; 8½ feet tall. The large, heavy-type ear, 10½ inches long, has 18 to 20 straight rows of deep yellow grains, closely wedged together on a medium-sized red cob.

All Open Pollinated Seed Corn, pk. \$1.65; ½ bu. \$2.75; bu. \$5.00 F.O.B. Baltimore, unless otherwise noted.

Add Postage on Field Corn

Sweet Potatoes

We can supply all the Leading Varieties in Season or from March 15 to April 15.

Sweet Potato Plants—

All Kinds

READY ABOUT MAY 1st

To prevent disease and to grow bumper crops of Potatoes, dip the tubers in "SEMESAN-BEL." One pound will treat 60 to 80 bushels.

For blight on potatoes use Bordeaux Mixture. For potato bugs, use Arsenate of Lead, Arsenate of Zinc or Paris Green.

Richardson's
Griffith & Turner's
Wiseman-Downs'

HYBRID SEED CORNS

- 15% to 30% Higher Yield!
- Deeper Roots!
- Drought and Wind Resistant!
- Storm Resistant!
- Increased Stalk Strength!
- Greater Uniformity!

Hybrid Early Yellow Dent. (100 days). Grows tall, 2 medium sized ears, 14-16 rows of medium deep grain. Very good root system and strong stalk. Our best medium late hybrid for West Virginia, Eastern Pennsylvania, New Jersey and Maryland. The hybrid corn's resistance to wind storms is its outstanding quality.

U. S. 13, Yellow. (115 days). Large ears, high yield. Tall, strong stalks. Same adaptation as U. S. 44.

Illinoi 448 Yellow Hybrid Ensilage Corn. (120 days). An excellent variety, heavy producer.

All Above Hybrid Field Corn, pk. \$3.25; ½ bu. \$6.00; bu. \$11.00, F.O.B. Baltimore.

BROOM CORN. Lb. 50c.

SEED POTATOES

Maine-Grown

CULTURE—Potatoes do particularly well on sod ground or pasture land, where the turf has been freshly turned. Tubers are usually cut into two-eyed pieces; plant in April in furrows of good depth about 3 feet apart. Scatter a liberal quantity of manure or fertilizer along the drill, and set the seed from 10 inches to a foot apart in the row. Cover with 4 inches of soil, and cultivate frequently after the plants are up. Plant late crop July 1st to August 1st. Eight to 10 bushels will plant an acre.

We can supply the two new varieties of Potatoes: Chippewa for early, and Katahdin for later. Both varieties have unusual merits, and were originated by U. S. Dept. of Agriculture. Write for prices.

We are not quoting prices in our catalog. When ready to plant, write us, and we will then quote you the very lowest prices consistent with the quality of our seed stock.

Dakota Red (Jersey Red). Equals McCormick in yield and keeping qualities, but for cooking far superior; dry and mealy. Skin is red; flesh pure white.

Green Mountain. A very popular main-crop Potato.

Irish Cobler. Round to oval with smooth skin and pure white flesh. Early and very popular.

Red Bliss Triumph (Improved Red Bermuda). One of the earliest varieties. Great productiveness, handsome color, and resistant to disease.

STANLEY'S Crow Repellent

—It protects your corn plantings by keeping off crows, larks, blackbirds and other corn-pulling birds, as well as moles, woodchucks, squirrels, etc. Does not clog the planter; protects the corn from rotting. Not poisonous and will not injure the seed. By mail postpaid, ½ pint (enough for 1 bushel corn) 70c; pint \$1.15; quart \$2.00. Not postpaid, ½ pint 60c; pint \$1.00; quart \$1.75.

Inoculate all Legume Seeds with **NITRAGIN**

1898—A HALF CENTURY OF SERVICE—1948
When ordering. Always state name of seed

ALFALFA (A)

Swt., Bur., Hubam Clovers	Retail
1 bu. each....\$.50	Small. (Inoculates up to 120 lbs. seed) \$.30
2½ bu. each.... 1.00	5 bu. each..... .55

CLOVERS (B)

Red, Alsike, Crimson, White and Ladino.	(One can)
1 bu. each....\$.50	30 bu. each..... 3.25
2½ bu. each.... 1.00	(6-5 bu. cans)

LESPEDAZA (L)

100 lb. size (Inoculates up to 100 lbs.) ..\$.50	1 bu. each.....\$.35
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PEAS, (C)

VETCHES (All Varieties)	Small. (Inoculates up to 120 lbs. seed) \$.30
100 lb. size (Inoculates up to 100 lbs.) ea.\$.50	5 bu. each..... .55
1200 lb. size ea... 5.70 (12-100 lb. cans)	25 bu. each..... 2.50 (One can)
	30 bu. each..... 3.25 (6-5 bu. cans)

LUPINES (All Varieties)

100 lb. Size (Inoculates up to 100 lbs. seed) ea.	\$.50
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GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans
Enough for 8 lbs. seed — Retail Price 10c each

ALL PRICES F.O.B. BALTIMORE—SUBJECT TO CHANGE WITHOUT NOTICE

**Destroy POISON IVY With
AMMATE**

WEED KILLER

2 lbs. diluted will treat approximately 200 sq. ft.

	Each
2-lb. Bottle	\$.85
6-lb. Bottle	2.25
50-lb. Drum	12.00
350-lb. Drum	63.00

Ant Bait (Magi-Kil Jelly). Kills ants in the nest. Garden size, enough to kill several colonies of moderate size indoors or out, 40c. Estate size, \$1.00.

Arsenate of Lead. For use against insects that chew and for such insects as the fruit-flies that lap and suck up sweetened liquids. 1 to 1½ lbs. to 50 gallons of water. 1-lb. can 45c; 4-lb. pkg. \$1.20. Write for prices in quantity.

Barsprout. By simply dusting this harmless chemical on potatoes they remain sprout-free and farm-fresh. 1 lb. treats 11 bu. potatoes. 12-oz. sifter can \$1.00; 5-lb. can \$5.50; 20-lb. drum \$16.00; 100-lb. drum \$70.00.

Black-Leaf 40. Nicotine Sulphate—40 per cent Nicotine. It destroys soft-bodied sucking insects without injury to the foliage. 1 oz. makes 6 gals. of spray. Oz. 35c; 5 ozs. \$1.05; lb. \$2.45; 2 lbs. \$3.90; 5 lbs. \$7.40 10 lbs. \$12.85; 50-lb. Tin \$53.90.

Bluestone (Copper Sulphate). Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75.

Bordeaux Mixture. The standard remedy for fungous diseases. 1 lb. makes 8 gals. of spray. Lb. can 35c; 4 lbs. \$1.00. Write for prices in quantity.

Calcium Arsenate. A quick-acting, inexpensive poison for leaf-eating insects. Lb. can 25c; 4 lbs. 75c. Write for prices in quantity.

Ceresan (New Improved). Dust disinfectant to control certain diseases carried on grain seed and narcissus. 4 oz. 30c; lb. 80c; 4 lbs. \$2.70; 25 lbs. \$15.00; 100-lb. drum \$55.00.

Corn Ear Worm Drops. Special liquid, with applicator, for controlling ear worm in corn. Applied by dropper (supplied) to tip of ear shortly after silk has turned brown. Assures clean, worm-free corn. 2-oz. bottle (with applicator) 35c.

Crow Repellent (Stanley's). Qt. can (treats 4 bu. shelled corn) \$1.75; pt. can (treats 2 bu. shelled corn) \$1.00; ½-pt. can (treats 1 bu. shelled corn) 60c.

Cyanogas Ant Killer. 4-oz. spouted tin for treating ant nests in lawns and gardens. Enough to kill a million ants, 39c.

Cyanogas (A-Dust). For killing the following pests: rats, field mice, moles, woodchucks, soil insects, etc. 1 lb. 98c; 5 lbs. \$3.75; 25-lb. pail \$12.50; 100-lb. drum \$30.00.

Cyanogas Foot Pump, \$11.00.

Cyanogas (G-Fumigant). The positive fumigant for greenhouses, mushroom houses, warehouses, flour mills, etc. 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

Copper Lime Dust (20-60-20). Arsenate, Copper, Lime. 5-lb. pkg. 75c; 50-lb. bag \$5.00.

Dandelion Killer. A drop of this concentrated liquid applied to the crown of dandelion or plantain—and similar weeds—in a lawn causes the weed to die, root and all. Apply from spout of can (when available) or by means of spouted oil can. Makes weeding of a lawn easy and assured. Half pint 35c; qt. 50c; gal. \$1.50; 5 gal. \$6.25.

INSECTICIDES AND FUNGICIDES

RAT EXTERMINATORS

Dr. Hess Anturat. A tasteless powder to mix with or dust on 20 times as much bait. Active ingredient Antu. Safe around livestock and pets if distributed properly. Can be dusted down rat burrows as a tracking poison. The 4-oz. package is enough to kill 500 rats. 1½-oz. pkg. 65c; 4-oz. pkg. \$1.50; 8-oz. pkg. \$2.50.

Mouse Seed. A very popular and effective exterminator for mice. Pkg. 25c.

Pastoxine. A product of Pasteur Laboratories. Non-poisonous to man, domestic animals, or poultry. Develops symptoms in rats and mice that bring them into the open to die. Pkg. (enough to kill 100 rats) 60c; large size (will kill 2,000 rats) \$5.00.

K-R-O for Rats. Ready mixed. A very good non-poisonous rat exterminator. 35c.

Rootone. Improves rooting of cuttings, seeds and bulbs, makes heavier grass turf, causes faster germination of seeds, increases plant growth and reduces wilt. ¼-oz. ptk. 25c; 2-oz. jar \$1.00; 1-lb. can \$5.00.

Rose Dust — DuPont's. 8-oz. Dust Gun 70c; 1-lb. Sifter can \$1.15; 4-lb. can \$3.50.

"Dogzoff." It is an efficient animal repellent and one spraying will last from 3 to 4 weeks. Not offensive to humans. 3-oz. bottle 60c.

Fermate. (Fungicide). A Dupont Product. For control of certain plant diseases, used extensively on tobacco to control "BLUE MOLD" in seed beds, at the rate of 1 pound to 50 gallons of water. 3 lb. Pkg. \$2.55.

Fish-Oil Soap. Good for scale, caterpillars, and lice. 3 ozs. make 1 gal. of spray. Lb. 35c; 5 lbs. \$1.50.

Garden Dust—DuPont's. 8-oz. Dust Gun 79c; 1-lb. Sifter can \$1.15; 4-lb. can \$3.50.

Grafting Wax. ¼ lb. 30c; ½ lb. 45c; 1 lb. 70c.

JAPIDEMIC

Milky Disease Spore Dust for Control of Japanese Beetle

Can be used any season of the year. Apply one level teaspoonful at five-foot intervals in rows 5 feet apart on top of the ground. One pound treats four thousand square feet; 10½ lbs. treats one acre. Price ½ lb., \$2.50; lb., \$4.50, F.O.B. Baltimore.

Lime-Sulphur Solution. A dormant spray for San Jose scale. 1 gal. makes 10 gals. of spray. Qt. 50c; gal. \$1.10; 5 gals. \$4.00. Write for prices in drum lots.

Lime-Sulphur, Dry. 12 to 14 lbs. will make 50 gals. of spray. 1-lb. can 45c; 5-lb. can \$1.75; 12½-lb. bags \$2.25. Write for prices in quantity.

Loro. Kills red spider, mealy bug, thrips, midge, white fly and aphids. Pt. \$2.00; gal. \$10.50.

Mologen. A non-poisonous material that will eliminate moles from your lawn in several days. ½ lb. 50c; 1½ lbs. \$1.25; 5 lbs. \$4.00.

Nico-Fume Powder Pressure Fumigator. ½ lb. 45c; lb. 75c.

Para-Dichlorobenzene. Lb. 45c; 5 lbs. \$2.00.

Paris Green. ¼ lb. 20c; lb. 65c; 5-lb. pkg. \$2.75.

PESTEX

Pat. applied for

A POSITIVE REPELLENT of RABBITS, MOLES, RODENTS, BIRDS, and other DESTRUCTIVE PESTS

Lb. 50c; 10 lbs. \$4.00.

Pyrox with Nicotine. Fungicide also kills sucking insects. 20-oz. jar 60c; 5 lbs. \$2.25; 25 lbs. \$7.00.

MILLER'S DDT PRODUCTS

DDT LIQUID 30%

Diluted in water it forms a DDT emulsion which can be sprayed either in farm buildings to control flies and other insects or it can be sprayed on peas, potatoes, cabbage, apples, peaches, grapes and other plants, to kill a long list of harmful insects. Average dilution is 1 to 40 gallons of water for barn spraying. 1 gallon to 150 gallons of water for spraying or dipping livestock and 1 quart to 100 gallons for apples, peaches, potatoes, and most tree and crop insects. Mixes quickly with summer oil, bordeaux, arsenate of lead, sulphur, neutral copper and other spray materials.

Pint \$1.00 Gal. \$5.50
Quart ... 1.75 5 Gals... 25.00
30 Gals.... \$125.00

DDT HOUSEHOLD SPRAY

5% DDT

For best results do not spray into the air at random. Can be applied to screens with a paint brush. Requires about 1 quart to treat 250 sq. ft. of surface. (Read label carefully for full direction).

Quart ... \$0.60 5 Gals... \$ 5.50
Gallon ... 1.50 30 Gals... 30.00

MILLER'S V-33 ROTENONE DUST

Kills garden insects—Aphis, Bean Beetle, Cabbage Worm, Cucumber Beetle and other pests. Harmless to humans. Does not injure plants. 1-lb. pkg. 35c; 5-lb. pkg. \$1.25; 50-lb. pkg. \$6.50.

Rotenone Dust. Pre-war formulae. .075%. 1 lb. 40c; 5 lbs. \$1.40; 50 lbs. \$9.00.

INSECTICIDES AND FUNGICIDES

Semesan. For bulbs, roots, flower, and vegetable seeds. Disinfects seed against many diseases and helps prevent rotting and damping-off. Also effective in controlling brown patch. One oz. treats 15 lbs. of seed. 1/3 oz. 12c; 2 ozs. 45c; 12 ozs. \$2.10; 5 lbs. \$11.40; 25 lbs. \$58.28; 100 lbs. \$219.80.

Semesan Bel. For seed potatoes. Controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. Increases standard yield. One lb. treats 60 to 80 bus. 2 ozs. 35c; lb. \$1.83; 4 lbs. \$6.33; 25 lbs. \$36.90.

New Improved Semesan Jr. For seed corn. A protection against many seedborne infections, from rotting in the ground, and makes earlier planting possible. One lb. treats 8 bus. 1 1/2 oz. 17c; 12 ozs. 62c; 6 1/4 lbs. \$4.16; 25 lbs. \$13.85.

Spray Catalizer "Spreader." A safener, spreader and sticker. It safens spray solutions containing arsenate of lead and sulfur and prevents the immediate formation of lead sulphide (black sludge). It improves the spreading and sticking properties of spray solutions. It is used in place of calcium caseinate when using arsenate of lead and lime sulfur, and is essential in Sulfocide and arsenate of lead combinations. Use 1 to 2 lbs. per 100 gallons with other sprays. 2-lb. pkg. 75c; 50-lb. bag \$13.50.

Slug Shot (Hammonds Improved). Lb. 40c; 5 lbs. \$1.70.

Scalecide. A spray for scale. Dilute 1 gallon to 15 gallons of water. Qt. 85c; gal. \$2.00; 5 gals. \$7.35; 15 gals. \$17.25; 30 gal. drum \$27.50; 55 gal. drum \$42.50.

Liquid Slug Shot. Rotenone base plant spray of high concentration. Used on both vegetable and flowering plants to control aphids and most all types of bothersome insects. Simply mix with water and spray. Non-poisonous when used as directed. 1 oz. 35c; 4 ozs. \$1.00; pt. \$2.60; qt. \$4.50; gal. \$14.50.

Sulfocide. A fungicide to control mildew, brown rot and other fungous diseases on fruits and vegetables. Pt. 75c. qt. \$1.25; gal. \$2.75.

Sulphur. (Powdered—325 mesh). Lb. 15c; 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.50; 100-lb. bag \$5.50.

Tersan. Widely used for preventing and controlling brown-patch in lawns and golf greens. One pound treats from 3,000 to 6,000 square feet. 25 lbs. \$30.00; 100 lbs. \$115.00.

Transplantone. Contains Vitamin B₁, plus plant hormones. Promotes quick, vigorous root growth. 1/2 oz. 25c; 3 ozs. \$1.00; lb. \$4.00. One ounce makes 10 gallons of Transplantone solution.

Tree Wound Paint. A very adherent and lasting antiseptic dressing for sealing and waterproofing tree wounds. 1/2 pt. 50c; pt. 90c; qt. \$1.75; gal. \$4.50.

TRIOGEN

A triple-acting spray controlling black-spot, mildew, blight, sucking and chewing insects on roses. Remains as a protection on foliage for a long time.

Economy Kit. 90c.

Small Kit. (Sufficient for 25 roses for season.) \$1.50.

Medium Kit. (Sufficient for 75 roses for season.) \$4.00.

Large Kit. (Sufficient for 150 roses for season.) \$6.00.

Estate Kit. (Sufficient for 500 roses for season.) \$20.00.

TRI-OKEN DUST

Kills sucking and chewing insects and control fungous diseases such as black spot and mildew. 1 lb. 85c; 5 lbs. \$3.50.

Volck, Nursery and Garden Spray. Effective and powerful for ornamental and flowering plants. Controls red spider, aphis, scale, mealy bug, thrips, caterpillars, etc. Odorless and colorless. Makes foliage glossy and glistening after using. 4 ozs. 35c; 16 ozs. 70c; gal. \$2.85; 5 gals. \$8.50; 54 gals. \$48.50.

WEED, DUST, AND ICE CONTROL

Weedone. The new internal weed killer. Kills Poison Ivy, Poison Oak, Bindweed, Honeysuckle, Dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray.
6-oz. bottle, covers 500 sq. ft.... \$0.75
1-qt. can, covers 2,500 sq. ft.... \$2.50
1-gal. can, covers 10,000 sq. ft.... \$7.50
5-gal. can, per gal..... \$5.00
54-gal. drum, per gal..... \$4.75

Calcium Chloride. Lays dust and controls weeds on roads, tennis-courts, etc. Also melts ice many times faster than salt. For dust, use 2 lbs. per sq. yd. 100 lbs. \$4.50. Write for prices in quantity.

Karmex. 2, 4D Hormone Type Weed Killer. One tablet per quart of water treats 50 sq. ft.
Bottle of 25 tablets..... \$1.00
Bottle of 100 tablets..... \$3.40

Kill-Weed. For the destruction of grass, weeds, vines, bushes, poison ivy, etc., on roads and places vegetation is not desired. One gallon makes from 30 to 40 gallons mixed with water. Qt. 70c; gal. \$2.00; 5 gals. \$8.00. Write for prices on larger quantities.

Water Glass. For preserving eggs. Qt. 60c; gal. \$1.70.

ZOTOX

Not only kills the Crab Grass plants, but also destroys the germination of the seeds. 16-ounce size makes 10 gallon and treats 2,000 square feet.

8-oz. bot.. \$1.00 32-oz. bot. \$2.50
16-oz. bot.. 1.50 5-lb. bot.. 4.50

BORE-TOX

The Modern Liquid to Destroy PEACH TREE BOREERS

One gallon treats 40 to 50 full grown peach trees. Apply in early fall or late spring. 1 gal. \$1.50; 5 gal. can \$5.25; 30 and 50 gal. drums 75c per gal. plus \$1.50 deposit on drums.

WEEVILTOX

(Carbon Bisulphide)

Use to fumigate stored grain and seed, to destroy granary weevil, Bean weevil, augoumois grain moth and similar insects. 1 qt. can 65c; 1 gal. can \$2.00.

ALL ITEMS THIS PAGE
F.O.B. BALTIMORE

PRICES SUBJECT TO CHANGE
WITHOUT NOTICE

HY-GRO

SOLUBLE PLANT FOOD

Use to properly feed lawns, when transplanting seedlings, to feed established plants, and when planting seeds... immediately available to the plants.

TRIAL SIZE	3 oz.....	\$0.25
TRIAL SIZE	20 oz.....	1.00
ECONOMY SIZE.....	10 lbs.....	4.00

10 pound size effectively feeds 4000 square feet of growing surface.

HY-GRO SPRAYER, Quart Size..... \$1.60



TRIAL SIZE	1 oz.....	\$0.35
ECONOMY SIZE	4 oz.....	1.00
PINT SIZE		2.85
QUART SIZE		5.75

LARGER SIZES ON REQUEST

WRITE FOR HY-GRO RED ARROW BOOKLET

RED ARROW

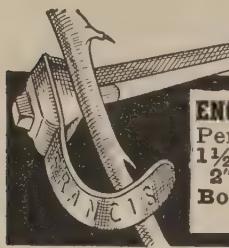
Garden Spray

Kills many varieties of sucking and chewing insects. Safe, easy to use, leaves no harmful residue on food plants.

McCORMICK & CO., INC., Baltimore 2, Md.

GARDEN SUPPLIES

TRAIN-ETTS



ENGLISH WALL NAILS
Per Doz. Box of 100
1½" - 50c \$3.50
2" - 65c \$4.50
Box of 20 asst. 75c.
Postage Extra



16 in. over all, doz. \$0.55
30 in. over all, doz. 1.10
42 in. over all, doz. 1.35
66 in. over all, doz. 2.25

BAMBOO PLANT STAKES

Light Plant Stakes. Dyed Green. For greenhouse work and small outdoor plants.

	Doz.	100	1000
2 ft.	\$0.25	\$1.25	\$10.00
3 ft.	.35	1.50	12.50
4 ft.	.40	1.75	17.00

Heavy Bamboo Stakes, Natural Color. For Dahlias.

Height	Diam.	Doz.	100
5 ft.	¾ in.	\$1.30	\$10.00
6 ft.	¾ in.	1.65	12.00

GREEN PAINTED ROUND HEAVY WOODEN PLANT STAKES

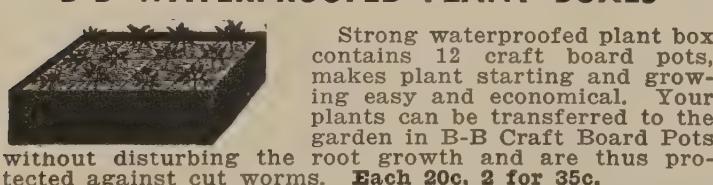


	Each	Doz.	100
4 ft., Heavy or Dahlia.....	\$0.15	\$1.55	\$11.40
5 ft., Heavy or Dahlia.....	.20	2.25	14.60
6 ft., Heavy or Dahlia.....	.25	2.50	17.90

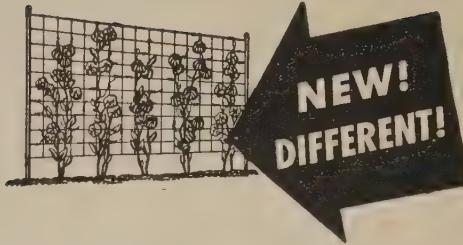
LIGHT PLANT STAKES (Wooden)

	Each	Doz.	100
2 ft., Light.....	\$0.04	\$0.40	\$2.80
3 ft., Light.....	.08	.75	5.40

B-B WATERPROOFED PLANT BOXES



Strong waterproofed plant box contains 12 craft board pots, makes plant starting and growing easy and economical. Your plants can be transferred to the garden in B-B Craft Board Pots without disturbing the root growth and are thus protected against cut worms. Each 20c, 2 for 35c.

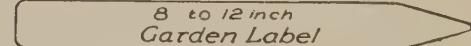
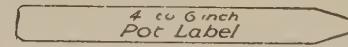
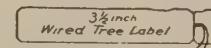


Weatherized Trellis Netting

Ideal Support for Sweet Peas, Garden Peas, Pole Beans, Cucumbers, Tomatoes

Hung with ease in 5 minutes; no fuss or bother.
No. 3—60 x 180 in..... \$1.25 Postpaid

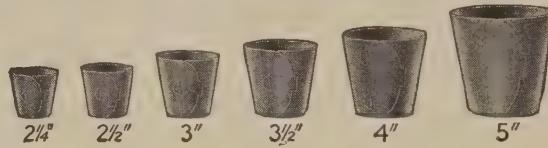
POT AND TREE LABELS (Painted)



Width	100	100	1000	1000
4x ½ in.	\$0.30	(½ lb.)	\$2.65	(3 lbs.)
5x ½ in.	.35	(½ lb.)	2.90	(4 lbs.)
6x ½ in.	.40	(¾ lb.)	3.30	(5 lbs.)
10x ½ in.	.65	(¾ lb.)	6.00	(10 lbs.)
8x ¾ in.	.75	(2 lbs.)	7.70	(9 lbs.)
10x ¾ in.	.90	(2 lbs.)	8.80	(10 lbs.)
12x 1¼ in.	1.25	(2 lbs.)	13.00	(12 lbs.)

TREE LABELS (Painted)

3 ½ in., painted, wired. Per 100, 35c; per 1000, \$3.30.



NEPONSET FLOWER POTS

Quantity per case	Wgt. lbs.	Doz.	100	1000
1000 2 ¼ in.	\$0.15	\$0.75	\$6.00	\$6.00
1000 2 ½ in.	.16	.80	6.10	6.10
1000 3 in.	.24	.90	6.85	6.85
1000 3 ½ in.	.34	1.15	9.15	9.15
500 4 in.	.23	1.40	10.40	10.40
500 5 in.	.37	1.75	13.30	13.30
500 6 in.	.51	2.35	16.90	16.90

BIRD'S PLANT BANDS

Sold in Units of 1000 only

Price Per 1000—Sizes in Inches

Vita-Bands	10....	\$3.25	\$3.75	\$4.15	\$4.55	\$5.90
		2 x 2 x 2 ½	2 x 2 x 3	2 ½ x 2 ½ x 3	3 x 3 x 3	3 x 3 x 4

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Vita-Bands 10.... \$3.25 \$3.75 \$4.15 \$4.55 \$5.90

CEDAR TREE OR PLANT TUBS

Standard color, deep green. Richmond style.



Size	Top Diam. Inches	Each
No. 2	7.....	\$1.10
No. 3	8.....	1.15
No. 5	10.....	1.45
No. 7	12.....	2.15
No. 9	14.....	3.10
No. 11	16.....	3.85

NEW STREAMLINE WATERING POTS With Removable Rose



Easier to carry, easier to pour. Handle rounded to fit the hand.

6 qt.	.....	\$1.75
8 qt.	.....	2.00
10 qt.	.....	2.10
12 qt.	.....	2.40
16 qt.	.....	2.85



Have Every Feature You Want
in a Garden Glove

ALL-LEATHER — DIRT PROOF — DURABLE
SOFT — COMFORTABLE — WASHABLE

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, \$1.25 a pair.

NEEGARDS THE MODERN KNEE PROTECTOR

No More Aching Knees.

They are form-fitting, completely adjustable to fit any size knees, and are equipped with adjustable non-slip straps. Made from finest grade of thick sponge rubber. \$1.25 per pair, postpaid \$1.35.



THE SUDBURY SOIL-TEST KIT



New Acidity Soil Test Kit. "Two minute." \$1.00; postpaid \$1.10.

Home Garden Size "Model D." Complete with instructions and table of plant needs. \$2.50; postpaid \$2.60.

Junior Professional Model. \$4.75; postpaid \$4.85.

DeLuxe Model. \$22.50.

Testing Fluid for refill. Specify whether for nitrogen, phosphorus, potash, or acidity. 2 ozs. \$1.00; postpaid \$1.10; 6 ozs. \$2.00; postpaid \$2.10.

stikit LAWN FENCE wikit

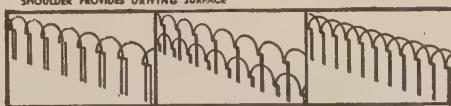
PROTECTS and
BEAUTIFIES
YOUR LAWN
AND GARDEN

ECONOMICAL EASY TO INSTALL



Ideal for grounds about homes, apartment houses, hotels—wherever lawns, gardens or flower beds need protection. Made of steel and durably enameled.

\$2.40
Per Dozen
12" wide
20 1/2" high
Pack 2 doz.
to carton



SURE CROPS

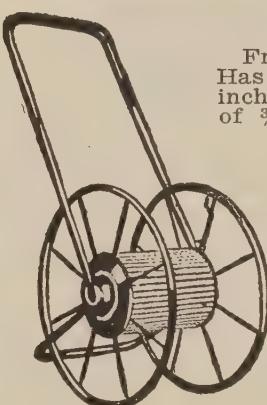
3 weeks
earlier
TO MARKET

For earlier and more profitable crops, use Hotkaps. They also offer protection against insects.

Pkg. of 25—Complete with Paper Setter, 70c.

Pkg. of 100—Complete with Fiberboard Setter, \$2.75.

Pkg. of 250—Complete with Fiberboard Setter, \$4.65.
1,000 Hotkaps only \$13.50.
5,000 Hotkaps—per 1,000, \$13.35.
10,000 Hotkaps—per 1,000, \$13.20.
Fiberboard Setter Alone, 20c.
Steel Setter, \$1.95.



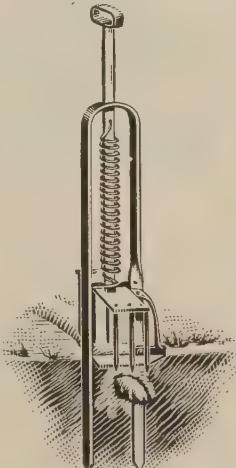
NO. B-10 HOSE REEL

Frame and rims are of tubular steel. Has corrugated steel drum. Reel is 21 inches high and has capacity of 100 feet of $\frac{3}{4}$ -inch hose. \$7.00 each

Large Size Style B

Similar to No. 10 except drum is made of sheet steel and the whole reel is of heavier construction.

No. B30. Capacity 400 ft. of $\frac{3}{4}$ -in. hose, \$16.00.

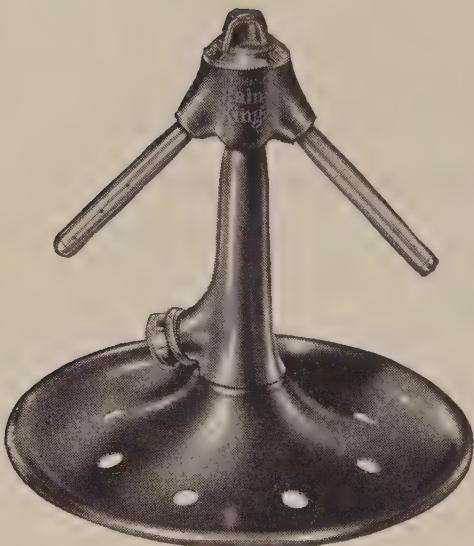


REDDICK MOLE TRAP

Reddick Traps sound "taps" for Mr. Mole and his burrowing family.

Extensively used in public or private parks, farms, schools, colleges, cemeteries, etc.

Entire Trap Double Tinned. Rust-proof. Price \$1.50; by Parcel Post \$1.65.



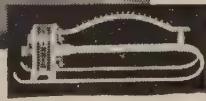
The Model K Rain King Automatic

A turn of the control button sets this amazing new Rain King for any desired area 5 to 50 feet in diameter. It then automatically sprinkles that area—sends out both the right quantity of water and the correct fineness or coarseness of spray for that area. Whether set for large or small circles, the spray is always broken up by the speed of the revolving arms to provide a natural rain-like shower that is best for all lawns, mature or newly-seeded. All exposed brass parts are chromium plated, body and head are of cast iron, and the ventilated base is of pressed steel. Phosphor bronze bearings. Rich, red, plastic control button, green upright and base. 10 inches wide at base. Height 10 inches. Shipping weight 5 lbs. \$6.95



Skinner Spray Wave Sprinkler

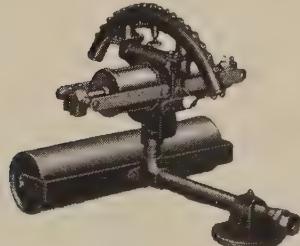
Ideal for lawns, gardens and average size plots. Covers area 40 x 40 ft.; uses 5 GPM at ordinary city pressure. Adjustable. Price \$22.50.



Skinner Border Mist Sprinkler



Fine one-way sprinkler and waters one side at a time. Light spray and waters a width of 16 ft. at ordinary city water pressure. Used for borders, shrubbery and syringing roses, etc. 15 ft. in length, \$17.75. Handle on sprinkler to adjust to any angle.

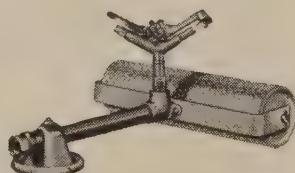


Skinner Rain Wave Sprinkler

Miniature irrigation system. Covers 50 x 50 ft. at 30 lbs. pressure. Adjustable. Mounted on roller base, $\frac{3}{4}$ in. hose connection. Covers a square. Foolproof. An exceptionally good sprinkler for lawns, gardens, market gardeners and nurseries. Price \$42.50. The finest sprinkler manufactured.

Skinner Utility Rotary Sprinkler

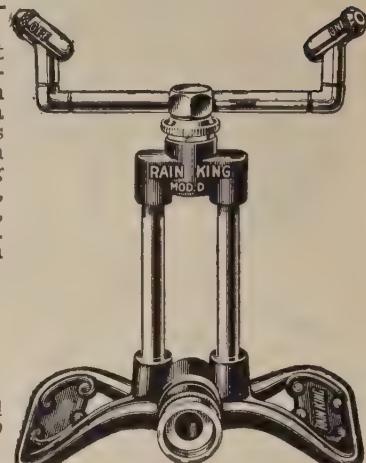
For golf courses and large lawn areas. Extensively used for Greens and Tees. Covers 80 ft. circle at 30 lbs. pressure. Can be furnished with larger nozzles at slight additional cost. Strong, durable and dependable. Mounted on roller base. \$13.75.



Model D Rain King

For circles up to 50 feet—revolving or stationary

Double nozzles can be set to water circles, long narrow strips, hard-to-reach corners. Each nozzle a sprinkler in itself. Throws any kind of spray from heavy shower to floating mist. The brass arms, mounted on enamel base, give it unusual distinction. Height, 9 in..... \$4.95 each



Model H Rain King

Chrome plated—
America's most
beautiful Sprinkler

A bigger, more rugged Sprinkler than Model D with new-type short-stem nozzles that throw more water when set for fine spray—over 300 gallons per hour on 20 pounds pressure. Chrome-plated nozzles, uprights and fittings of solid brass—base finished in enamel. Height, 11 $\frac{1}{4}$ in..... \$5.95 each



SOIL-SOAKER



Waterwand deposits water softly, where you want it, saves time, ends spray damage, makes a tedious job clean and enjoyable. \$3.00



THE "FOUNTAIN" NO. 5041
Galvanized Base \$1.25

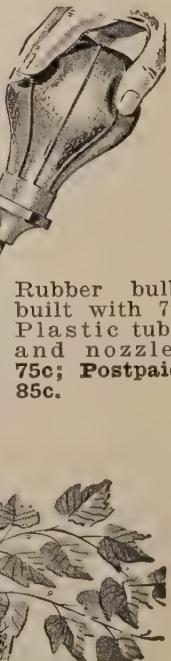
PLANT SPRINKLERS

For sprinkling cut flowers, seedlings, plants, clothes, etc. Wt. 1 pound.

No. C-1—Spray
Bulb \$1.25
No. B-2—Spray
Bulb \$0.80



New R-I Plant Spray



Rubber bulb
built with 7"
Plastic tube
and nozzle.
75c; Postpaid
85c.



NYLON BUILT GARDENETTE HOSE



Gates Gardenette—the revolutionary featherweight hose always wanted but never thought possible. Wartime discoveries have made possible (1) rot-proof core (2) a weather and age-proof cover (3) a layer of braided nylon cord—all welded together in a light, graceful hose that is longer wearing than the best standard heavy hose ever manufactured.

5/8"—25 ft. Length Coupled..... \$5.50
5/8"—50 ft. Length Coupled..... 10.00

TRUCORD

Gates Trucord—the best standard, single-braid hose on the market. Sturdy braided-cord construction. Durable and weather-resistant. Core, cord and cover are vulcanized into one enduring hose guaranteed to give longer service than any other garden hose of equal price.

5/8"—25 ft. Length Coupled..... \$3.50
5/8"—50 ft. Length Coupled..... 6.50

A Real Tool for a Real Job



ELECTRIMMER does a better job—much faster—much easier. You'll enjoy trimming your hedge. Has 1/4 H.P. universal motor, special alloy gears, 12 in. cutter blade of finest crucible steel. Removable handle may be used at top or on either side. Price including 6 ft. of rubber covered cord, \$34.50.

Extra 100 ft. of No. 18 cord with connectors. \$6.50.

1/2 lb. lubricant 50c

Prices subject to change without notice.

THE NEW SUNBEAM HEDGE TRIMMER



Well-balanced for easy handling. Construction fully utilizes plastics and light metals to reduce weight. Specially designed twelve inch high grade cutlery-steel blades hardened and precision ground. Has auxiliary grip for easy handling in all positions. Long 10 ft. cord. Plug rests on ground and user can add extension to meet his needs. Powerful, cool-running motor is self-contained within the easy grip handle. Convenient ON and OFF switch....Price \$37.50 Extra 100 ft. No. 18 cord with connectors..... \$6.50

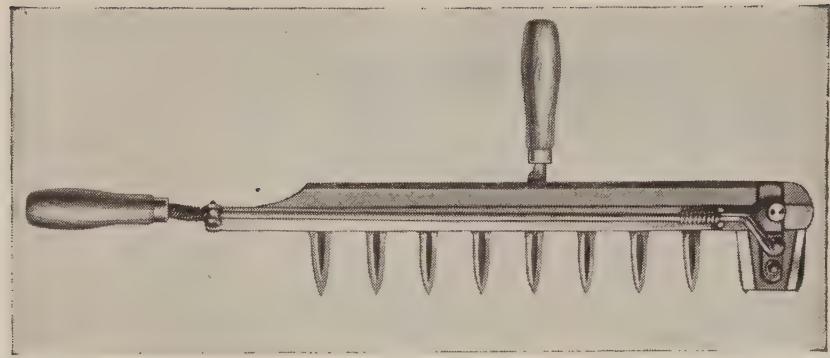
DOO-KLIP GRASS SHEARS

\$1.95 each



SNIP-ITT GRASS SHEARS

Low-priced companion to the Doo-Klip. Price \$1.65.



CYCLONE HEDGE TRIMMER

The improved CYCLONE is a single blade, multiple finger trimmer. Its double edge, tapered blade cuts in both directions, slicing through growth as thick as a pencil. 18-inch blade. \$9.75.

LIGHTNING CLIPPER



HARDENED EDGE BLADES

No. 154N—"LIGHTNING CLIPPER" HEDGE SHEARS. Top blade has sharp, hooked teeth to grip twigs for easy cutting. Both blades have large notches for cutting large branches. Hard wood handles pinned to the tangs of the blades.

No. 154N-8 8" blades \$3.50

No. 154N-9 1/2" 9 1/2" blades 3.75



MULTI-POWER HEDGE SHEARS

No. 26N—"Multi-Power" Hedge Shear. Sensational patented compound lever provides "soft," smooth, non-jolting action. Develops 60% more power from handles to blades.

No. 26N-6—6 in. blades... \$2.00

No. 26N-8—8 in. blades... 3.00

No. 26N-9—9 1/2 in. blades. 3.25

"EZY-CUT" HEDGE SHEARS

No. 14N—8 inch ... \$2.25

No. 14N—9 1/2 inch .. 2.50



LONG-HANDED DOO-KLIP GRASS SHEARS

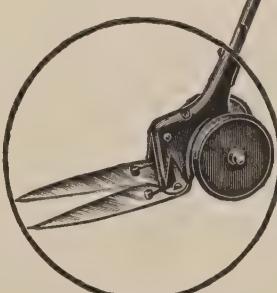
\$3.50 each

BIRD BATHS

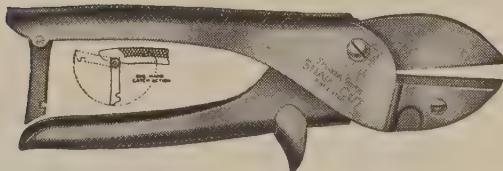
No. 8—22 in....\$2.75

No. 11—25 in.... 3.75

No. 14—25 in.... 5.50

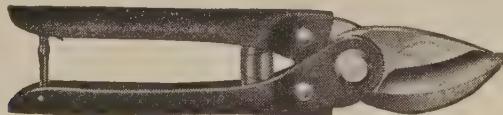


PRUNING SHEARS



Snap Cut Pruners. The Keen "V" shaped blade cuts onto a soft metal anvil with an easy slicing action that cuts through large, tough branches with surprising ease and smoothness. All parts easily replaceable at small cost.

No. 119—8 inches long, Chrome finish.....\$2.25
No. 118—6 inches long, Ladies size.....1.50



No. 122 "Clipper Pruner"—Featuring dual cutting action. Strong, durable, all steel construction. Cuts easily, closely and without injuring bark. Bright nickel knurled handles. Polished and tempered blades attached to handles by small bolts. Finger-tip catch. All parts easily replaceable. 8 inches long. \$1.40.



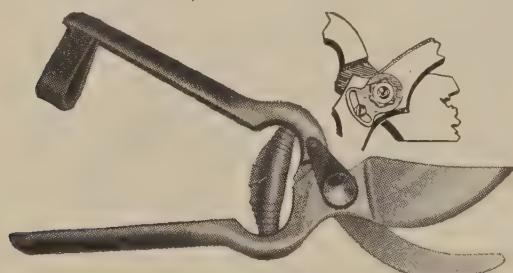
No. 60 Pruner. One-piece cutlery steel drop forging. Ground cutting head. Volute spring. Nut and bolt. Riveted steel catch. 9 inches long. \$1.50.

No. 16 POLE PRUNER



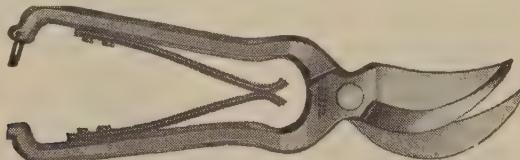
Saw Head Only. 16 in. \$2.50.

Extra Blades—16 in. \$1.95.



No. 124 "PROFESSIONAL" PRUNER

Surpasses imported models of this construction. Finest one-piece drop forged steel. Keen, powerful, positive slicing action. Honed edges. Adjustable nut lock and bolt support. Soft-acting volute spring. Non-pinching shaped handles. A pruner for the most experienced horticulturist. 8 inches long. \$3.00.



No. 585—Genuine Swiss Pattern.—With band clasp and bleeder type blade. Extra strong, wide, heavy malleable iron handles with riveted tool steel blade. Double brass spring and bolt with ratchet adjusting nut. Full polished finish. 8½ inches long. \$3.50.

The Best In Tools

PRUNING SAWS



This is the most practical pruning saw made. Owing to its peculiar shape, being tapered off to a point permits cutting in between the limbs. The blade is adjustable and will cut at any angle desired and can be removed to replace a new one. Made of the best quality steel.

No. 11. 16 in. \$2.75. Extra Blades 40c; by Parcel Post 45c.

DOUBLE EDGE PRUNING SAW



Made of the very best material. One side has fine teeth and the opposite has coarse teeth.

No. 3. 18 inch. \$2.20.

No. 20 PRUNING SAW

14 inch Blade, Pistol Grip. Draw Stroke. \$1.75

No. 18—Folding Handle. 12 inch Blade. \$2.00.

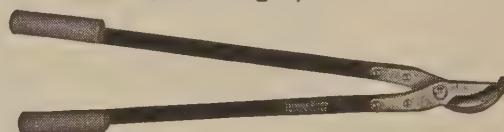
No. 40 PRUNING SAW



24 inch Tuttle-tooth Pruning Saw. \$4.00.

LOPPING SHEARS

P. P. Weight, 6 lbs.



No. 528. "Professional" Lopping Shears. New improved lightweight balanced tool for orchard and general service. Dual cutting action for close, clean, quick-healing cuts. Branches and twigs—even frozen wood—will not slip from its blades. Blade efficient to extreme tip. Tempered alloy steel forging. Shaft runs through shaped hardwood handle and is riveted at end. Cuts 1½-inch limbs. 28 inches overall. \$4.50.

No. 055—Improved "Redland" Pruner.—For orchard and vineyard. Tempered, polished and ground steel forgings. Shaped ash handles with long tubular enameled ferrules. Cuts 1½ in. limbs. 22 in. handles—28 in. overall. \$3.50.

No. 056—Improved "Redland" Pruner.—Same as No. 055 but made with 30 in. handles—36 in. overall. \$4.00.



No. 75—Bernard Lopping Shears.—For orchard and vineyard. Tempered, polished and ground steel forgings. Shaped ash handles with long strap. Cuts 1½ in. limbs. 26 in. handles. 30 in. overall. \$2.75.



WIRE FRUIT PICKER

Well made and durable. Fruit can be picked without bruising. Made of No. 12 copperized wire. Will not rust. Price less pole 75c, by Parcel Post 85c.

LONG HANDLE TREE TRIMMER

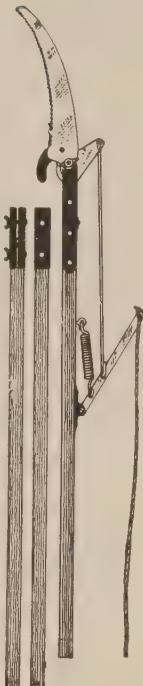
No. 1312. 12-ft., 2-section Trimmer, \$4.25. Extra 6-ft. sections, \$1.00 each.



IMPROVED TELEPHONE PRUNER

No. 111. Cuts 1-inch branches. Head only. Weight, 2 lbs. \$3.00.

No. 12. Cuts 1½-inch branches. Head only. Weight, 5 lbs. \$6.00.



No. 1312
Tip Top



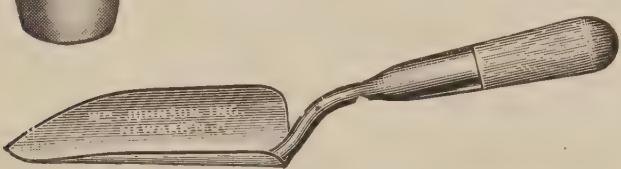
WOOD HANDLE DIBBLES

No. 218. Iron point. \$1.00 each.

Hole-in-One Bulb Planter

P.P. Weight, 1 lb.

The tapered cup removes the soil and makes a perfect planting hole in one operation. 75c.



SOCKET GARDEN TROWEL (Forged Steel)

No. 205. This trowel is hammer forged—one piece—and has seamless socket. Full polished. Hardwood handle. 6-inch blade. 13½ in. over all. \$1.50 each.

No. 211. Shank and heavy 6-inch forged steel blade, forged like a mason's brick trowel, 90c.



GARDEN TROWEL (Solid Steel)

No. 212. This trowel is made of one piece of heavy sheet steel. The shank is bent hollow to give strength. 35c each.

No. 215. Shank riveted on blade. 30c.



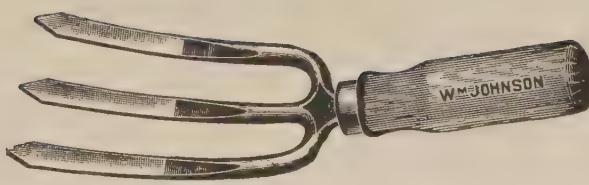
TRANSPLANTING TROWEL

No. 217. Blade and shank are one piece of heavy sheet steel. 6 in. 25c each.

All Prices F.O.B. BALTIMORE

Subject to Change Without Notice

E. MILLER RICHARDSON & CO., 114 Light St.—PLaza 8684-8685



SPADING FORK (Three-Tine)

No. 300. This fork is well made, the tines are polished about halfway and adjoining part enameled blue. Polished hardwood handle with brass ferrule. Length over all, 11 in. 55c each.



ASPARAGUS KNIVES OR WEEDERS

No. 2500. Heavy. 45c.

Asparagus Tape. No. 17-677. Red. Spools of 1,000 yds. Weight 2 lbs. \$3.25.

Raffia. Lb. 70c; 5 lbs. 65c per lb.



ASPARAGUS BUNCHER

To sell asparagus to the best advantage, it must be packed right and unless you have a good buncher your bundles will not be uniform. This buncher is made of good material throughout, is adjustable for length and thickness, making a neat, compact, and uniform bundle. Price \$4.20.

MATTOCKS



Best Quality, without Handle, 5 and 6 lbs. \$1.65
With Handle 2.25

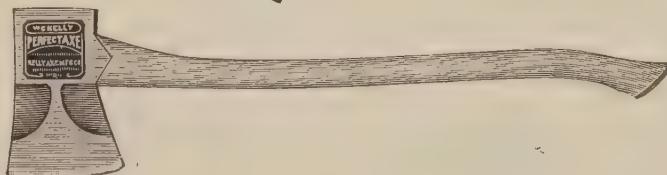
PICKS

No. 1 Gritco. 7 lb. best quality warranted steel Railroad Picks, without Handle \$1.65
With Handle 2.25

PICK AND MATTOCK HANDLES

First quality Hickory Handles 60c

BEST QUALITY AXES



Best Quality Axes. Sizes 3½ and 4 lbs. \$2.75
Handled complete with 34 inch best hickory handle.

AXE HANDLES

Extra selected second-growth all white hickory Axe Handles 60c



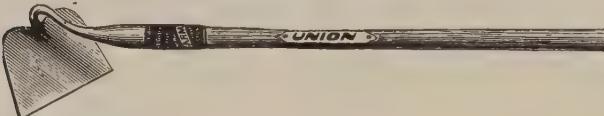
BRUSH AND BRIAR HOOKS

No. 10. Axe Handle \$2.50

CORN KNIVES

Lightning Corn Knives.....	75c each
Little Giant Corn Knives.....	75c each
Nowatoco Corn Knives.....	65c each
Black Diamond Corn Knives.....	50c each
Field King Corn Hooks.....	50c each
Little Giant Corn Hooks.....	75c each
Lucky Strike Tobacco Hatchets.....	50c each

GARDEN HOES



No. RHLC64½. \$1.10.
No. RHSG6½. Socket. \$1.20.
No. AG6½. Shank. 6½ inch blade. \$1.50.
No. SG6½. Socket. Polished Blade, 6½ inches. \$1.55.
No. 2PWF. 2 point hoe. \$1.50.
No. W7. Warren. \$1.60.
No. MH3. Mattock Hoe. \$2.00.
No. IGH7. Italian Grape Hoe. \$3.05.

TURF EDGERS



No. T.E. Polished steel blade. Solid shank. 4-foot handle. Bronze finish. Price \$1.60.



Planet Junior Lawn Edger.....\$2.10

ROUND-POINT SHOVELS



No. 901RB—Round Point.....\$1.80
No. N103—Round Point.....2.25
No. 203—Pony.....2.50
No. A103.....2.95
No. N102—D-Handle Round Point Shovel.....2.25

SQUARE-POINT SHOVELS



No. 901RB—Square Point.....\$1.80
No. N333—All Purpose, Long Handle, Square Point. 1.85
No. A100—Size 4, D-Handle Square Point Shovel. 3.10
No. N100—Size 2, D-Handle Square Point.....2.25
No. 900RB—D-Handle Square Point.....1.80

LONG AND SHORT HANDLE SPADES



No. N124—D-Handle.....\$2.25
No. A124—D-Handle.....2.95
No. 924RB—D-Handle.....1.90
No. N125—Long Handle.....2.25

SCOOps



No. N308—Size 4, D-Handle.....\$2.35
No. N308—Size 6, D-Handle.....2.50
No. N312—Size 8, D-Handle.....2.50
No. N309—Size 4, Long Handle.....2.35

STANDARD EARTH AUGERS

No. 5—Bores holes to 8 in. in diam., 3½ ft. deep. \$8.50 each.
--

No. 8—Bores holes, 8 to 14 in. in diam., 3½ ft. deep. \$10.00 each.

POST HOLE DIGGERS



Perfection PH Digger.....\$2.50
Hercules Ex. Heavy.....2.75
Gibbs.....3.50
Digging Bars—Rammer End.....3.75

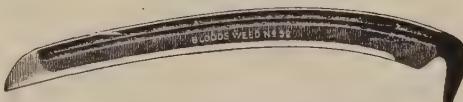


GRASS HOOKS



Komet.....\$0.50
Little Giant.....85
Lawn Queen.....1.00
Little Giant Long Handle.....1.15
Little Giant Swing Clips.....1.25

GRASS AND BUSH SCYTHES



30 in. to 34 in. Grass—Earl Special.....\$2.25
26 in. to 28 in. Weed—Earl Special.....2.25
18 in. to 22 in. Bush—Earl Special.....2.25
28 in. Genuine English Waldron Scythes.....4.20
30 in. Genuine English Waldron Scythes.....4.30
32 in. Genuine English Waldron Scythes.....4.35
34 in. Genuine English Waldron Scythes.....4.45

SCYTHE SNATHS



No. 50-1BS—Patent Loop Grass Snath.....\$2.85
No. 300—Patent Loop Brush Snath.....3.10
Aluminum Snath .....3.00

SCYTHE STONES



No. TN15—English Round .....\$.90
No. TJ3—Oval .....45
No. TN16—Darby .....60
No. JD2—Utility Wood Handle .....1.25

STABLE OR PUSH BROOMS



These brooms are of the highest quality. Made with heavy blocks. No. 286 D, genuine African grass, 4 rows \$1.85; handles 30c.
No. 200—All-Corn Heavy Warehouse Broom.
No. 211—Corn and Bamboo Broom.

Good Tools Make Gardening A Pleasure



WEED CUTTERS

No. HAWCS—Bow Type	\$1.30
No. USGT	1.00

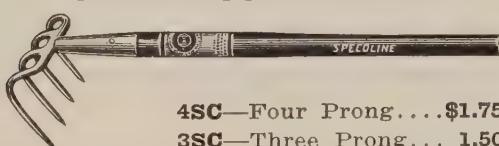
GARDEN CULTIVATORS



Tines can be adjusted by simply turning a nut.

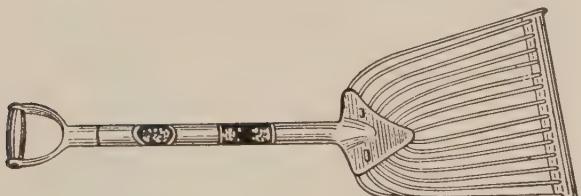
No. VC5—5-shank	\$1.95
No. VC3—3-shank	1.50
Extra teeth .....	.20

SPEEDY CULTIVATOR



4SC—Four Prong	\$1.75
3SC—Three Prong	1.50

WIRE SCOOP



30 Inch D-Handle.....\$3.50

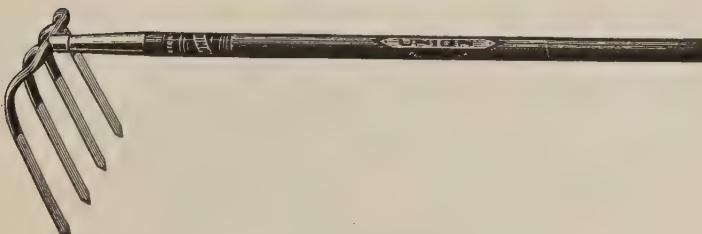
GARDEX CULTIVATOR WITH WEEDE

No. 1523. Cultivate and weed with one tool. The 3-prong cultivator loosens the soil thoroughly while the weeding blade cuts off all weeds quickly. Painted red, 3 prongs 4-1/3 inches wide, weeding blade 4 inches wide, with 4 ft. handle



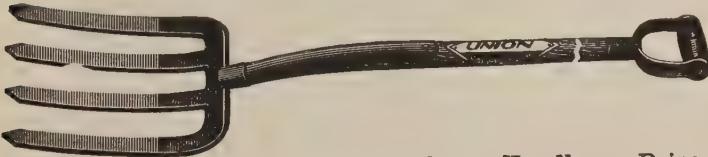
No. 1523

POTATO HOOKS



No.	Description	Price
4BOL	Light—Four 6 1/2 in. Tines—Width 6 in.....	\$1.75
4BOH	Heavy—Four 9 in. Tines—Width 7 1/2 in.....	2.00
5BOH	Five Tines	2.25
4M	Manure Hook—Four Tines—Width 8 1/2 in.....	2.35

SPADING FORKS



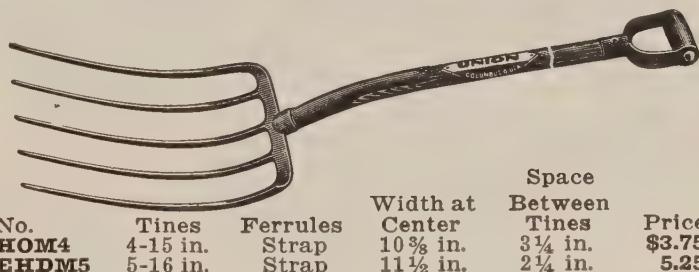
No. SALD	Light	Tines	Ferrule	Handle	Price
No. SAHD	Heavy	4	Strap	30 in. Bent	\$2.00

MANURE FORKS—LIGHT



No.	Tines	Armorlock Ferrule	Handle	Price
RHA44	4-12 1/2 in.	"	4 ft.	\$1.75
RHA44 1/2	4-12 1/2 in.	"	4 1/2 ft.	1.80
A44	4-12 1/2 in.	"	4 ft.	2.25
A44 1/2	4-12 1/2 in.	"	4 1/2 ft.	2.30
RHA54 1/2	5-12 1/2 in.	"	4 1/2 ft.	2.05

MANURE FORKS—HEAVY



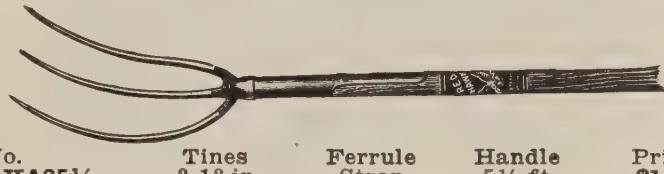
No.	Tines	Ferrules	Width at Center	Space Between Tines	Price
HOM4	4-15 in.	Strap	10 1/8 in.	3 1/4 in.	\$3.75
EHDMS	5-16 in.	Strap	11 1/2 in.	2 1/4 in.	5.25

ENSILAGE OR BARN FORKS



No.	Tines	Ferrules	Width at Center	Space Between Tines	Price
E8	8-16 in.	Strap	12 3/4 in.	1 5/8 in.	\$4.00
E10	10-16 in.	Strap	15 in.	1 1/2 in.	4.50

THREE TINE HAY FORKS



No.	Tines	Ferrule	Handle	Price
RHA35 1/2	3-12 in.	Strap	5 1/2 ft.	\$1.85
RHA36	3-12 in.	Strap	6 ft.	2.00
A35 1/2	3-12 in.	Strap	5 1/2 ft.	2.35
A36	3-12 in.	Strap	6 ft.	2.50

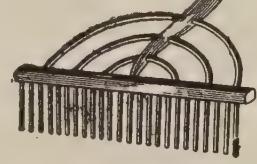
STEEL GARDEN RAKES



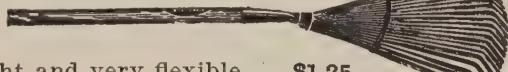
No.	Description	Price
SC14	14-3 1/4 in. Curved Teeth—Width 14 3/4 in.....	\$1.50
SC16	16-3 1/4 in. Curved Teeth.....	1.65
RHLSC	14-2 3/4 in. Straight Teeth—Width 13 7/8 in..	1.00
B14	14 Tooth Bow Rake.....	1.80
B16	16 Tooth Bow Rake.....	1.90

WOOD RAKE

24-Tooth—3 Wooden Bows. 95c.
Extra Teeth 3 cts. each.



STEEL BRUME RAKE



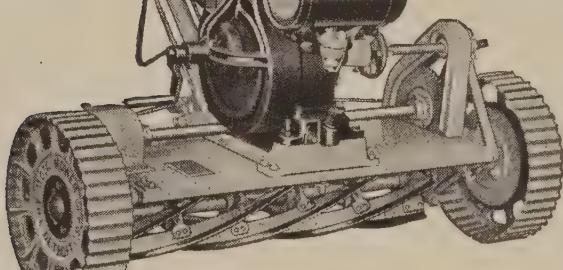
No. BRF22	Light and very flexible.....	\$1.25
No. SL14	Adjustable	1.45
No. LC18	18 in. Lawn Comb.....	1.95
No. LC24	24 in. Lawn Comb.....	2.45

Famous

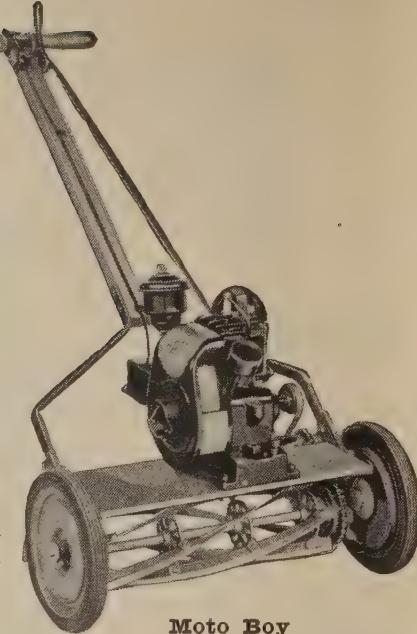
MOTO-MOWER

Power

Mowers



Super Detroit



Moto Boy

Cutting Width

19-in.—"Moto Boy" Model— $\frac{3}{4}$ h.p. Rubber tires... \$127.00

21-in.—"Scout" Deluxe Model— $1\frac{1}{2}$ h.p. Rubber tires. 170.00

Note—The new Scout Deluxe Moto-Mower has been redesigned and supersedes the previous Scout and Junior Models. It will be powered with a $1\frac{1}{2}$ h.p. Engine.

22-in.—"City" Model— $1\frac{1}{2}$ h.p. Engine. Rubber tires 264.00

24-in.—"Standard" Model— $2\frac{1}{4}$ h.p. Engine. Rubber tires 362.00

30-in.—Super-Detroit Model— $3\frac{1}{2}$ h.p. Engine. Rubber tires 460.00

ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE

All powered with famous Briggs and Stratton motors. Easy and economical to operate. A model and size for every purpose.

Cutting Width

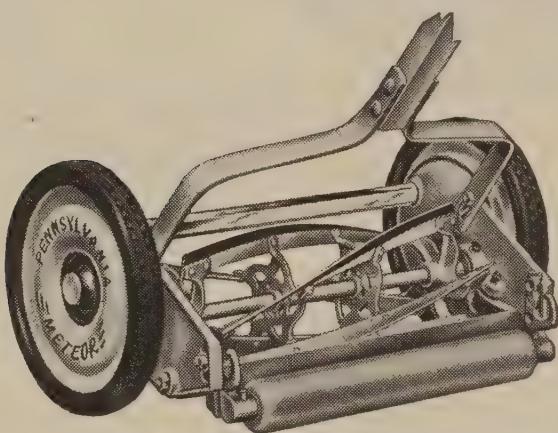
WHEELS REARWARD AND WITHIN CUTTING WIDTH

30-in.—"Commander" Model with $2\frac{1}{2}$ h.p. Engine and 4.50 x 7 pneumatic tires..... \$530.00

30-in.—"Commander" Heavy Duty Model with $3\frac{1}{2}$ h.p. Engine and 4.50 x 7 pneumatic tires..... 580.00

71-in.—"Commander Triplex" Model with $3\frac{1}{2}$ h.p. Engine; 4.50 x 7 pneumatic tires and Power-Driven Trailer Units 830.00

PENNSYLVANIA QUALITY HAND MOWERS

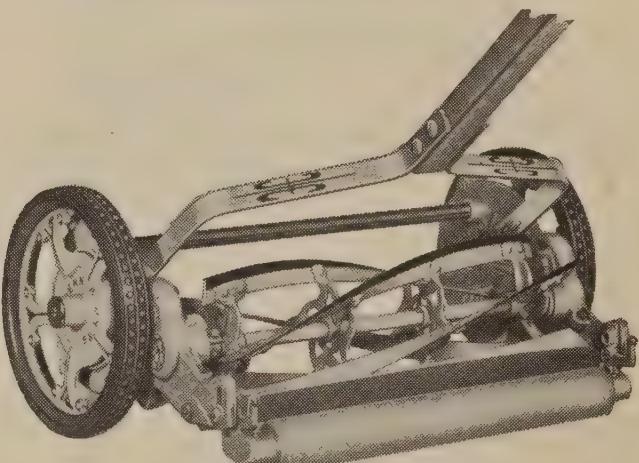


PENNSYLVANIA METEOR

Aluminum frame and wheels. Light weight, yet very sturdy and durable. 5 blades.

16 in.—Rubber tires \$30.00

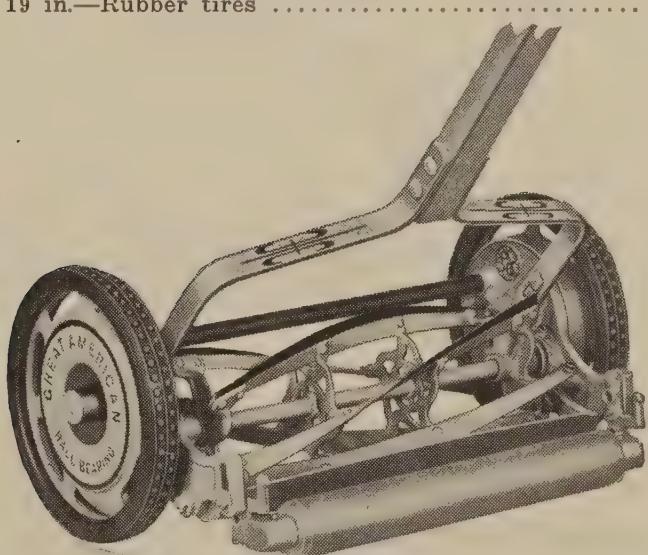
19 in.—Rubber tires 31.90



PENNSYLVANIA, JR.

A Pennsylvania Mower that can be depended on for years of fine service! 5 blades.

17 in.—10 in. wheel, rubber tires..... \$34.95



GREAT AMERICAN

Five blades, ball-bearing; 10 in. wheel. Largest seller of all quality lawn mowers, will provide years of fine service.

15 in.—10 in. wheel, rubber tires..... \$25.75

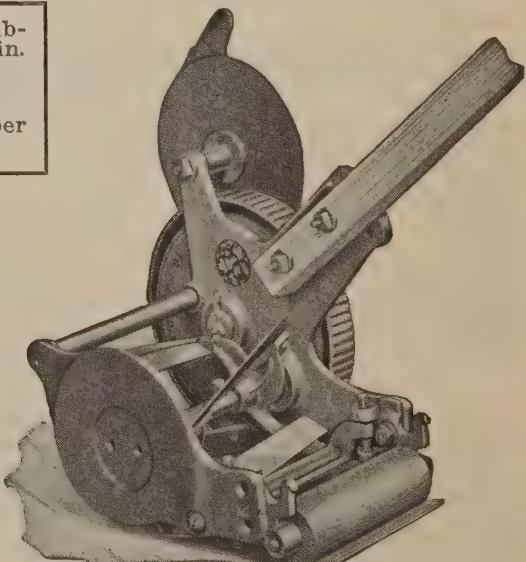
17 in.—10 in. wheel, rubber tires..... 27.50

19 in.—10 in. wheel, rubber tires..... 30.00

Extra slip-on rubber tires for 10 in. wheel

\$2.00 per Pair

Weight—2 lbs. per pair.

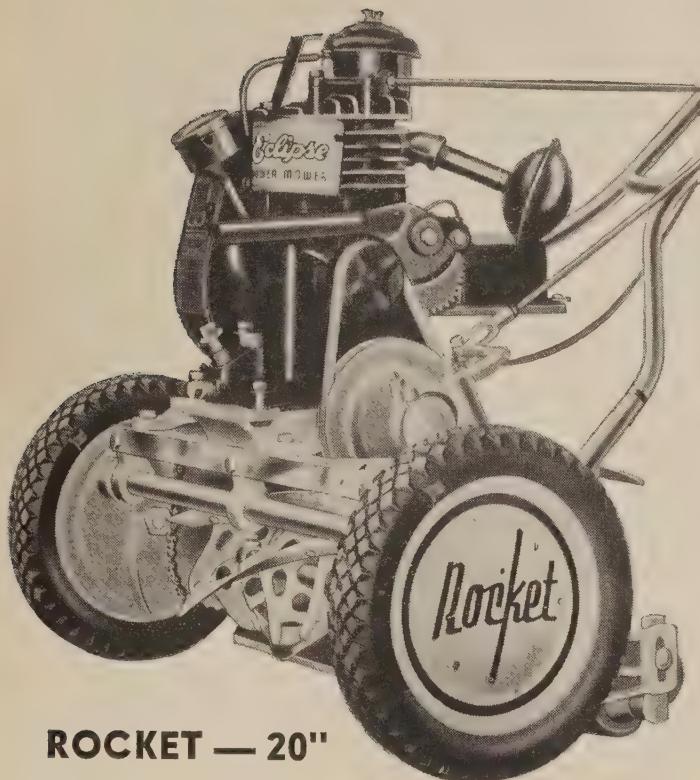


TRIMMER AND EDGER

Equipped with a steel disc and a small plow. Ball-bearing. Saves time in trimming overhanging grass along edges of paths and shrubbery..... \$19.95

Eclipse LAWN MOWERS

SENSATION OF THE NATION



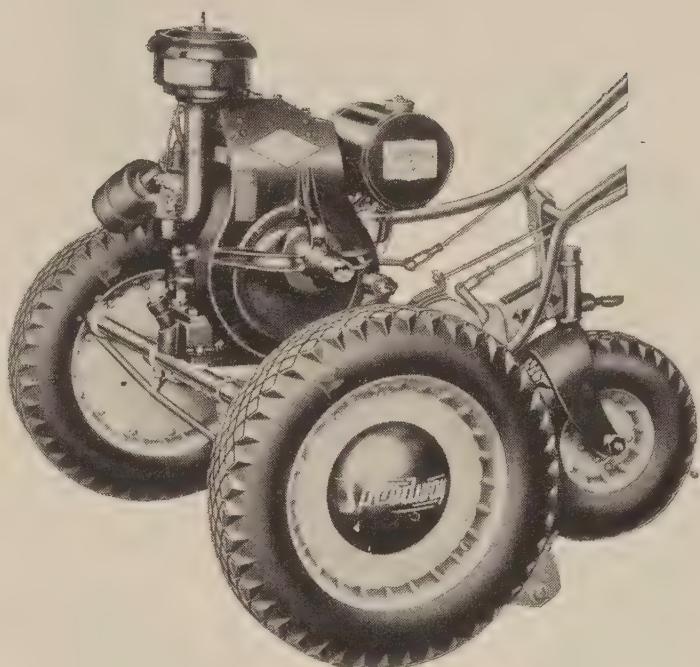
ROCKET — 20"

Dynamic performance features. Full 20" heavy-duty reel, 6" diameter—five special heat-treated, razor sharp blades—five extra-heavy malleable reel spiders, and $\frac{3}{4}$ " steel shaft—Timken reel bearings, with adjustment—lower knife oil tempered, raised lip for long wear. Rugged Goodyear puncture-proof tires. Diamond chain $\frac{1}{4}$ " with $\frac{1}{2}$ " pitch. Handy starting lever, no rope to lose. Briggs & Stratton motor, 4-cycle, Model W. I. Throttle control to suit your pace. Clutch—positive expansion type. Net weight—125 lbs.....\$128.00

CUNNINGHAM SICKLE BAR MOWER



The Cunningham Mower has a 3-foot, variable speed sickle bar. It is self-propelled and cuts its own swath. Weight is carefully balanced over the wheels to make it easy to operate. Handle bars are adjustable to comfortable working height, and a handle bar throttle control gives quick convenient control of the variable speed sickle bar. Balance, plus simple, clean-cut design, enables young folks to mow more in an hour than a man can cut with a scythe in a day. No weeds are too high to be cut. 1½ horsepower engine; single cylinder, 4-cycle; rope start; air cleaner; float feed carburetor. Steel Wheel.....\$195.00 Rubber Tire.....\$232.00



ROLLOWAY — 25"

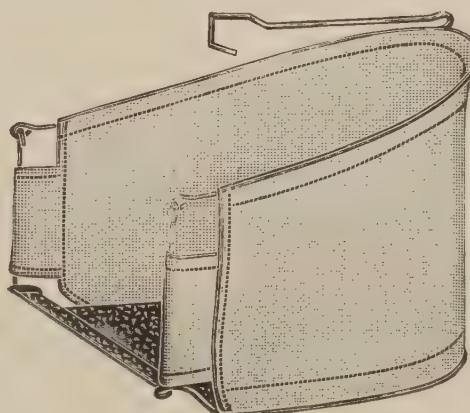
Designed and built by Eclipse for heavy duty mowing. Pneumatic rubber tires. Briggs & Stratton Engine. Average 3 to 5 acres a day. 14-inch wheels with 4-inch tread. An extra strong mower for mowing large acreages.

Parkhound, 21"	163.50
Tornado Sickle Bar Mower, 36"	195.00
Speedway, 32"	425.00
Sulky	48.50

HAND MOWERS

Eclipse L, 16"	\$27.50
Eclipse L, 18"	29.50
Zephyr, 16"	23.00
Zephyr, 18"	25.00
Vogue, 16"	21.00
Vogue, 18"	22.50
Arlington, 16"	15.50
Arlington, 18"	16.50

GRASS CATCHERS



Aluminum bottom reinforced with heavy wire across the roller flange as well as around the sides. Heavy wire top frame.

No. 148—Unbleached Fabric. Grass Catcher hooks attached. Recommended for mowers 12" to 18" inclusive. Extra heavy wire top frame and carrying handle. \$2.00 each.

No. 306—Unbleached Heavy Duck. Grass Catcher hooks attached. For mowers 16" to 22" inclusive and power mowers. \$2.75 each.

THE MYERS COMPRESSED AIR SPRAYER

Will spray all kinds of Liquid Insecticides and Fungicides. Not recommended for white-washing or painting.
No. 2240—Galv. Tank, 2½ gallons capacity \$9.75
No. 2242—Galv. tank, 4 gallons capacity \$10.75



SMITH BANNER SPRAYER

Tank. Capacity, full 4 gallons. Heavy galvanized steel or solid copper, as ordered. Funnel top.
No. 22 G. O. Banner Galvanized tank. \$8.70.
No. 22 G. F. Funnel Top. \$7.60.
No. 24 G. O. Lighting Galvanized Tank, 3½ gallons. \$7.00.



HUDSON PERFECTION

Full 4-gal. Capacity. Tank is 7½ by 21 inches. Seams riveted and heavily soldered. Pump of seamless brass tubing. Equipped with 27 inches of discharge hose and 24-inch brass extension rod and adjustable nozzle.
No. 210G. Galvanized tank. \$11.60.

HUDSON CLIMAX

Compressed-air tank Sprayer. Fitted with our Nu-eez funnel top feature.

Pump of seamless brass tubing, 1¾x14 inches. Equipped with 22 inches of discharge hose, 18-inch curved brass extension rod, and brass disc-type adjustable nozzle. (Weight, about 8 lbs.) 3¾ gallon capacity.
No. 235G. Galvanized Tank. \$9.25.
No. 241G. Hudson Climax Jr. 2½-gal. Open Top. Galvanized Tank. \$9.35.

HUDSON LEADER

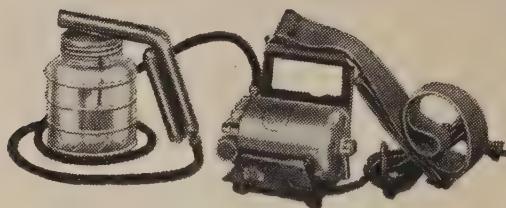
No. 192G. 3½-gal. Funnel Top. Galvanized Tank. \$8.40.

HUDSON NOZZLES



No. 176—Perfection Shut-off. \$2.15 each.
No. 168—Fog Nozzle. 90c each.
No. 166—Fog Nozzle. 90c each.
No. 1N—Fog Nozzle Cap. 40c each.
No. 2N—Fog Nozzle Washer. 40c doz.
No. 3NC—Outside Disc, Reg. 90c doz.
No. 3NF—Outside Disc, Fine. 90c doz.
No. 4N—Inside Disc, Reg. 90c doz.
No. 4NW—Inside Disc, for Whitewash. 90c doz.
No. 5N—Screen. 90c doz.
No. 5X—Leather Gasket for Packing Nut. 8c each.
Shut-off Valve Pin. 40c.
Shut-off Valve Spring. 40c.

SPRAYING EQUIPMENT HUDSON SPEEDWAY LEKTRIK SPRAY



No. 305—\$34.95

Specifications:

Spray Head is adjustable and works equally well with paint, enamel, varnish, lacquer or stain.
Tank is a specially designed, 24-oz. glass jar, wide mouth.
Pistol Grip makes painting easy.
Air Hose is four feet long to provide plenty of reach.
Shut-off Valve, thumb-operated, permits instant control of the flow of paint.
Switch is conveniently located for finger-tip control.
Weighs less than 4 pounds.
Motor is 110-120 Volt universal, operating on either AC or DC. Develops 22 pounds of free air.
Carrying Strap is easily adjustable to the convenience of the user.
Electric Cord, 10-feet long and rubber-insulated, complete with bayonet type plug.

SMITH FLAME GUN

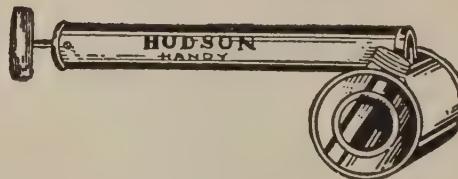
Destroys Weeds and Brush Easily and Quickly—Very Economical to Use—Saves Time, Money, and Labor. Burns Kerosene, Range Oil, Stove Oil or Light Furnace Oil—Patented Flat Flame of 2000 Degrees F.

Light, Compact, Portable—Weighs Only 17 Pounds

Consists of a 4-gallon heavy all-welded (not riveted or soldered) corrugated tank, tested to 100 lbs., made of galvanized steel, equipped with a 2-inch diameter brass air pump conveniently removed from tank for filling tank with fuel. Flat Flame Burner. Overall length of burner, including control valve, 38½ inches. Average oil consumption, 1 gallon per hour. **Price \$24.75.**



HAND SPRAYERS



No. 710—Dobbins. 10 oz. 40c.
No. 403—1 quart. 75c.
No. 431—Hudson Continuous Sprayer. \$1.00.
No. 432—Hudson Continuous Sprayer. 1 quart. \$1.10.

SMITH BLIZZARD SPRAYER

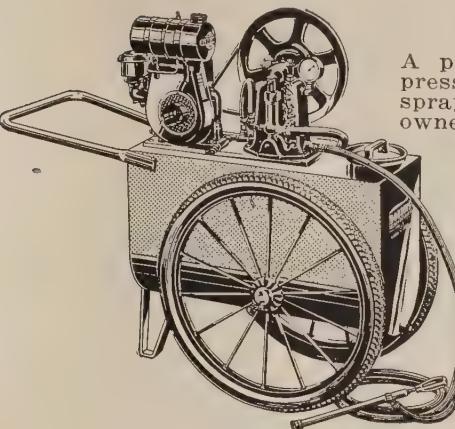


Solid copper; capacity, 36 ounces (1½-quarts). Price \$3.25.
No. 3T—Smith—1 quart galvanized hand sprayer. 60c ea.
No. 10T—Smith—1 quart continuous galvanized hand sprayer. \$1.00 each.

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

SPRAYING EQUIPMENT -- Continued

DOBBINS POWER SPRAYER



No. 4240R

Discharge Equipment: 12½ ft. of ¾ in. high pressure hose with No. 3194 adjustable spray gun.

No. 4240R—1½ HP engine, 26 in. x 2½ in. rubber wheels, weight 180 lbs. Price.....\$178.15 F.O.B. Factory

No. 4240—1½ HP engine, 28 in. x 2½ in. steel wheels, weight 187 lbs. Price.....\$169.25 F.O.B. Factory

A portable light weight, high pressure sprayer to handle all spray jobs for the individual owner and small grower. Only 19 in. wide permitting easy access to narrow passageways.

Discharge: 1½ gallons per minute at 250 lbs. pressure.

Tank: 25-gallon. Heavy steel. Removable strainer.

Pump: No. 419P. All brass with stainless steel ball type valves, stainless steel piston large air chamber, adjustable relief valve and pressure gauge.

Agitator: Patented gear driven—impeller type.

No. 3260R 3 GPM

Pump: High pressure sprayers recommended for estates, small orchards, dairy barn and cattle spraying, and landscape gardeners. Handle all insecticides, fungicides, weed control chemicals, DDT solutions and whitewash.

Pump: No. 3197. 3 GPM at 300 lbs. pressure. Double cylinder.

Power: Furnished with 1⅓ HP Briggs and Stratton air cooled 4 cycle engine. Rope starter.

Tank: 50-gallon, heavy steel securely welded. Rust proofed on inside. Large filler opening with removable strainer. Drain plug in bottom.

Discharge equipment: 25 ft. of ½ in. high pressure spray hose and No. 3198 adjustable spray gun.

Dimensions: Height, 46 in. Length overall, 50 in. Width overall with rubber tires, 35 in. With steel wheels, 30 in. Tank width 22 in. Tank length 32 in.

No. 3260R Dobbins Power Sprayer. Disc wheels with roller bearings. 5:50 x 16 pneumatic tires. Shipping weight 405 lbs.....\$353.00 F.O.B. Factory



No. 3260R

MYERS HANDY PORTABLE SPRAYER



No. R336½B

Used extensively for White Washing and around Orchards, Greenhouses or wherever Spraying is necessary. The Pump is similar to our No. R-318-B fitted with Cog Gear Handle and Dasher Agitator.

Equipped complete as shown in illustration, with 15 feet ½-in. 5-ply discharge hose, 8 foot extension rod and Vermorrel nozzle.

Price \$38.00

HUDSON PORTABLE SPRAYERS

"Sunshine"

Tank: Heavy gauge galvanized steel with reinforced top and bottom. 12½-gallon.

Truck: Heavy channel steel with shaped handle grip.

Construction: Tie rods and bushing through wheel and axle make it very rigid.

No. 36—16 in. wheel, 2 in. tire, 6 ft. ¾ in. spray hose, 3 ft. extension rod \$22.00

"Ideal"

Tank: Heavy galvanized steel, reinforced top and bottom with channel iron hoops. Malleable fittings for attaching to the frame.

Pump: Regular No. 4A Barrel Pump fitted with non-clogging tubular intake strainer and dasher agitator.

Construction: Heavy steel frame tubing, reinforced with channel iron cross braces. Bushing through wheel at hub makes it sturdy and rigid.

Wheel: 18 inches in diameter. 2½ in. tire.

Capacity: 18 gallons.

Spray Hose: 10 ft. ¾-inch high pressure. 3 ft. extension rod.

No. 34 \$32.80

ALL PRICES SUBJECT TO CHANGE

MYER'S PERFECT-FOG SPRAY GUNS

No. 36—Triple Spray Gun with hose swivel (as shown) \$15.75

No. 32A—Two Nozzle Spray Gun with hose swivel.. 13.75

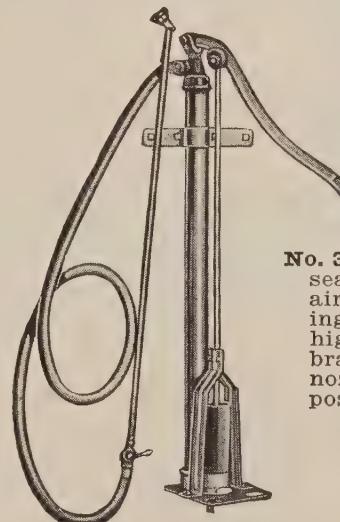
No. 13—Myers Spray Gun with hose swivel..... 10.75

POWER SPRAY HOSE

Spray Hose, 50 ft. lengths, ½ in. Meyers High Pressure, fitted with couplings.....\$24.00

DOBBINS BARREL PUMP

Adapted for whitewash, cold-water paints, agricultural insecticides, caustic mixtures, etc. Develops up to 200 pounds pressure.



No. 3160—1½ x 6 in. pump cylinder, seamless brass tubing; 2 x 30 in. air chamber, seamless steel tubing; bronze ball valves; 8 ft. ¾ in. high pressure spray hose; 3 ft. brass extension rod, brass spray nozzle adapted for general purposes, wt. each. 25 lbs. \$17.20 each.

LEVER BUCKET SPRAY PUMPS

No. R324 represents the Myers Lever Bucket Spray Pump, made of brass and fitted with brass valves and patented agitator.

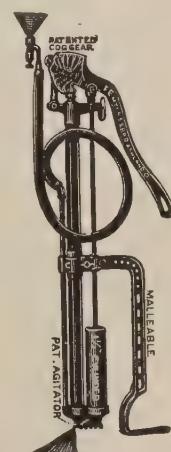
Price, plain

Add for 8 foot extension rod..... 1.45

No. R-318-B MYERS SPRAY PUMP

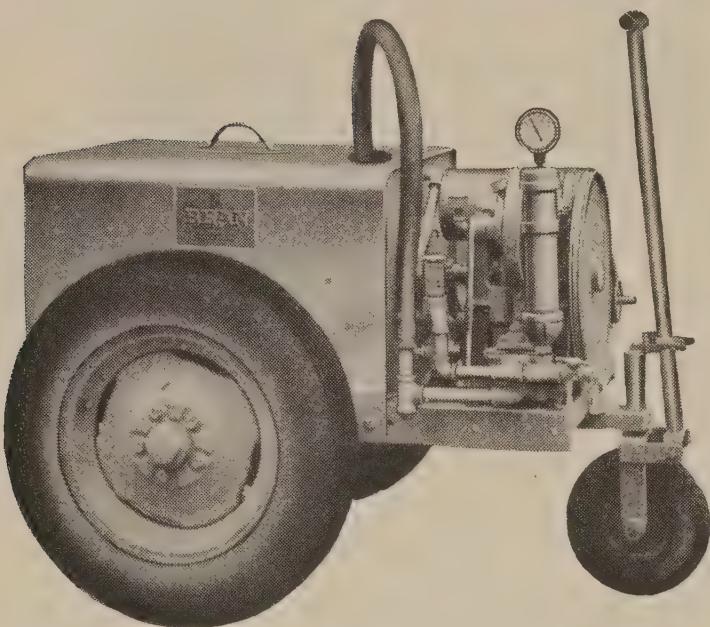
Price with one lead of 15-foot hose and nozzle, less the barrel.... \$25.00

Pipe extension with lever shut-off, 8 ft. \$2.80



SPRAYING EQUIPMENT--Continued

JOHN BEAN FARM PROTECTOR



Model 4-E is the "handy" sprayer for farms, estates, home orchards and gardens. It is ideal for applying DDT, whitewashing, spray painting, weed control, and dozens of other uses.

SPECIFICATIONS

PUMP—Bean No. 64 Junior Duplex. Porcelain-lined cylinders, guided plungers, adjustable pressure regulator.

CAPACITY—4 gallons a minute at 400-lbs. pressure.

TANK—50-gallon all-steel leak proof and corrosion resistant.

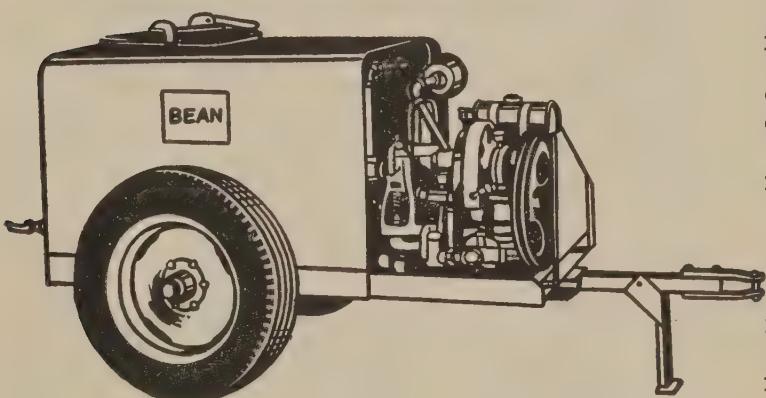
FRAME—All-steel, electric welded to tank and axle supports.

WHEELS—Timken Roller Bearings for 16 x 600 pneumatic tires. Rear tires not included in price, but can be supplied. Front wheel, 5 x 3.00, tire included in price.

DIMENSIONS—Length, 53½". Height, 33½". Width 41". Tread, 35". Clearance, 11½".

No. 4E—F.O.B. Baltimore \$394.25
No. 4A on skids—F.O.B. Baltimore..... 349.75

JOHN BEAN POWER SPRAYER—MODEL 4806-T



SPECIFICATIONS

PUMP—Bean No. 66 Little Giant Duplex. Porcelain-lined cylinders, guided plungers, adjustable regulator.

CAPACITY—7 gallons a minute at 400-lbs. pressure.

TANK—150-gallon, all-steel, leak-proof and corrosion resistant.

FRAME—All-steel, electric welded to tank and axle supports.

WHEELS—Timken Tapered Roller Bearing for 16 x 6.00 pneumatic tires. Tires not included in price but can be supplied.

DIMENSIONS—Length, less drawbar, 65". Height, 42". Width, 51". Tread, 45". Clearance, 10".

No. 4806-T—F.O.B. Factory..... \$575.00

Write for Prices on Larger Models

JOHN BEAN GREENHOUSE SPRAYER—MODEL 4-G

Especially designed for greenhouse spraying, Model 4-G features lightness and compactness. Easy to maneuver down the narrow aisles of greenhouses, this sturdy sprayer has the capacity and performance of much larger outfits.

SPECIFICATIONS

PUMP—Bean No. 64 Junior Duplex. Porcelain-lined valves, guided plungers, adjustable pressure regulator.

CAPACITY—3 gallons a minute at 300 lbs. pressure.

TANK—30-gallon, all-steel, leak-proof, corrosion-resistant.

FRAME—All-steel, electric welded to tank and axle supports.

WHEELS—10" steel wheels with solid rubber tires.

POWER— $\frac{3}{4}$ H.P. single-phase, 110-volt electric motor.*

DIMENSIONS—Length, 27". Height, 40". Width, 18".

WEIGHT—Net, 225 lbs. Shipping, 350 lbs.

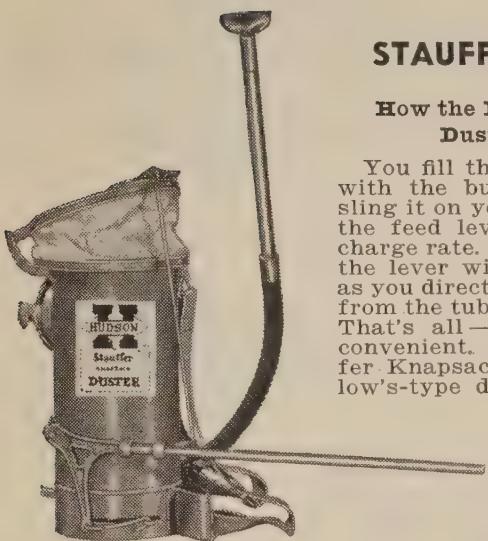
* Model 4-G can be equipped with an air-cooled Briggs and Stratton 1 1/4 H.P. gasoline engine at extra cost. Capacity—4 gallons a minute at 400 lbs.

No. 4-G with Electric Motor—F.O.B. Baltimore, Md.... \$265.00

No. 4-G with Gasoline Engine—F.O.B. Baltimore, Md... 289.00



DUSTERS



STAUFFER DUSTER

How the Hudson Stauffer Duster Works

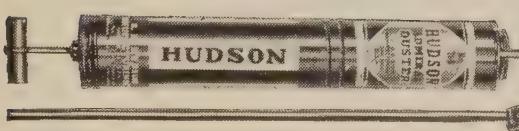
You fill the duster (it's easy with the built-in scoop) ... sling it on your back ... adjust the feed lever to desired discharge rate. Then simply pump the lever with the right hand, as you direct the dust discharge from the tube in your left hand. That's all — it's simple, easy, convenient. The Hudson Stauffer Knapsack Duster is a bellows-type duster — very little effort produces a good volume of dust — always under perfect control as an intermittent puff or a nearly continuous blast.

No. 1A \$28.95

DUSTMASTER DUSTER



Dustmaster
Duster \$1.40



No. 766 Admiral \$1.50

HUDSON PATROL DUSTER



Pump is $1\frac{3}{4} \times 14$ inches, fitted with special cupped plunger leather. Specially designed powder reservoir. No. 612. \$1.35 each.

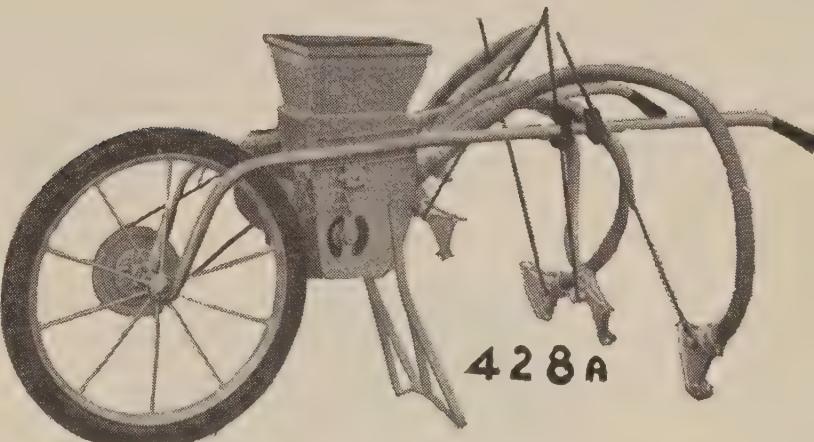
MESSINGER HAND DUSTER



Made of heavy gauge copper bearing sheet steel and will resist rust and corrosion. The fan and feeder are made of aluminum. Has an adjustable feed gauge to control the amount of dust. Can be used as single or double row duster.

No. H2—Double Duster
\$25.00

HT and H24 TRACTION WHEELBARROW DUSTERS



428A

Cut 428A shows HT2 two row Duster with one nozzle to the row. Also furnished HT4, two row, two nozzles per row.

The nozzles are adjustable for low, medium and high crops.

The power to operate Duster Blower Unit is transmitted from the wheel through a ratchet pulley via a "V" belt to a "V" pulley on shaft in a grease tight gear case mounted on side of Duster Blower Unit.

Duster shown in Cut 428A is equipped with a pneumatic tired wheel.

Two Row, One Nozzle to the Row

HT2WP—Pneumatic Tire, Whirlpool Nozzle.....\$60.00

MODEL "S" DUSTERS



317

No. SH-2—Texas Junior, two row, 1 nozzle per row, 1 horse, traction driven Duster. Also furnished 2 nozzles per row as No. SH-4.

Here is a duster that every tobacco grower should have; for dusting Paris Green, Arsenate Lead or any other powdered insecticide on plants for the extermination of tobacco worms. This is a traction duster and can be equipped with two or four nozzles, for dusting high or low plants. The duster is made of heavy gauge copper bearing sheet steel. Copper bearing steel is used for rust and corrosion resistance. The fan and feeder are made of cast aluminum. The hopper has a capacity of about 30 pounds of dust. The duster is equipped with ball and roller bearings and alemite lubricating system. No. SH-2V.....Price \$88.00 No. SH-4V.....\$100.00
SH2WP—2 Row, 1 Whirlpool Nozzle.....Per Row \$100.00

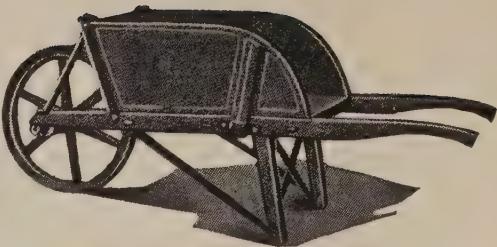
TRACTOR DUSTER

Model O—Dusters mounted directly on tractor must be for particular make, model and year of tractor and are not interchangeable. Write for Circular and Prices.

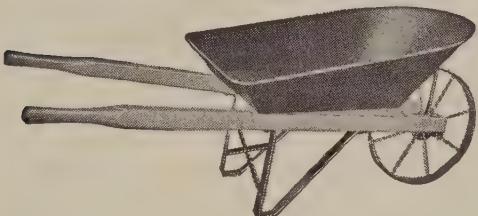
ALL PRICES SUBJECT TO CHANGE

GARDEN AND FARM BARROWS

Made of seasoned hard wood. Removable sides. Wood or steel wheel. Attractively painted. Strong. Neat and durable.	
No. 1 —Size of body 30 inches long, 24 inches wide in front, 25 inches in back.	\$22.60
No. 1 —With Pneumatic Tire.	\$28.95
No. 2 —Size of body 28 inches long, 20 inches wide in front, 24 inches in back.	\$19.00
No. 2 —With Pneumatic Tire.	\$27.00
No. 3 —Size of body 26 inches long, 19 inches wide in front, 22 inches in back.	\$16.00
No. 3 —With Pneumatic Tire.	\$23.75
No. 6-B —Size of body 26 inches long, 18 inches wide in front, 24 inches in back.	\$10.25



STEEL TRAY, WOOD FRAME BARROWS



Pressed trays with reinforced edges. Handles are made of hard wood smoothly finished on all sides.

No. 154—Round front—4 cu. ft. capacity. \$12.50

No. 154 —With Pneumatic Tire.	\$22.50
No. 174 —Square front—4 cu. ft. capacity.	12.50
No. 174 —With Pneumatic Tire.	22.50
No. K5X —Square front—4 cu. ft. capacity.	9.75
No. K5X —With Pneumatic Tire.	19.25
IMP —3 cu. ft. capacity.	7.25
M4 —4 cu. ft. capacity.	11.50
M4 —With Pneumatic Tire.	21.00
No. 155 —Contractor's Barrow.	14.50
No. 155 —Contractor's Barrow. Round front, 5 cu. ft. Pneumatic Tire.	24.50

WATER BALLAST LAWN ROLLER



With Roller Bearing

No.	Dia.	Len.	Weight	Price
11	14	24	70	175 \$12.00
12	18	24	85	265 15.00
13	24	24	110	440 18.50

MASTERS "HANDI TRUCK"



All Prices F.O.B.
BALTIMORE
Subject to
Change Without
Notice

No. 18-S—2 cu. ft. capacity. Shipping wgt. 24 lbs... \$7.25
No. 20-D—3 cu. ft. capacity. Shipping wgt. 30 lbs... 9.50
Hevi-Duty—3 1/4 cu. ft. capacity. 14 in. wheel.... 24.50

METAL BARROWS



All steel trays pressed from heavy gauge sheet steel with wired edges. Tubular frame.

No. T-8, capacity 6 cubic feet heaped. \$12.50

No. T-8—With Pneumatic Tire. \$22.00

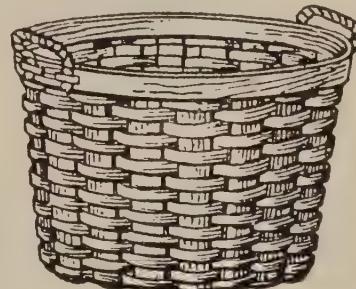
TRASH BURNERS

The best way to dispose of your wastepaper and rubbish is to burn it in a Consumer. Avoids danger and helps to keep the yard and lawn clean from litter.

16 1/4 in. x 16 1/4 in.—31 1/2 in. high.... \$6.95

WIRE TRASH BURNERS

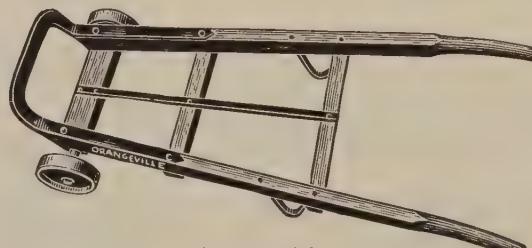
17 in. top, 15 in. bottom, 24 in. high.... \$2.00



SPLIT BAMBOO AND OAK BASKETS

Iron-bound, Rope Handles	
1 bu.	\$2.25
1 1/2 bu.	2.50
2 bu.	3.00
3 bu.	4.00

STORE TRUCKS



No. 100X

No.	Length Handles, in.	Width Nose, in.	Length Nose in.	Approximate Weight, lbs.	Iron Wheel	Molded on Rubber Wheel
100X	47	12	4 3/4	22	\$11.40	....
214	46	12	3 1/2	27	14.23	\$22.25
218	42	11 1/4	9	32	15.50	23.50
FULL STRAPPED TRUCKS						
272-A1	48	13	5 1/2	44	\$16.25	\$23.00
272-A2	51	14	6 1/2	60	19.60	26.50
272-A3	54	15	7 1/4	75	20.00	27.00
272-A4	60	16	7 1/4	96	25.00	36.00

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

CYCLONE SEED SOWER

A seed sower any farmer can afford. The most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

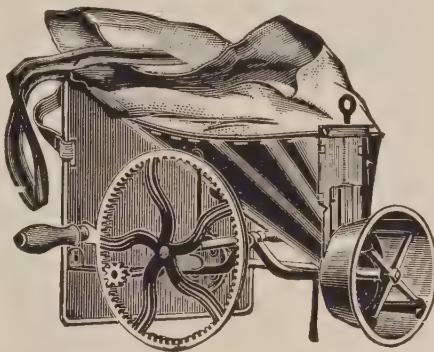
Price \$3.50



CAHOON'S BROADCAST SEED SOWER

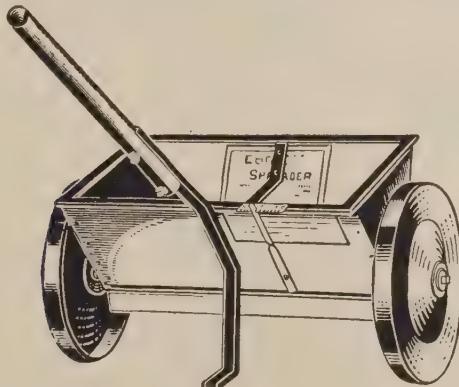
For Sowing Clover, Timothy, Millet, Oats, Wheat, Hemp, Barley, Rye, Rice, Buckwheat, Etc.—Standard Seeder of the World—A Model for Accuracy and Durability—Malleable Iron Frame—Steel Hopper and Gate—Brass Discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and rye, 30 to 36 feet; oats, 21 to 25 feet; barley, 27 to 33 feet; clover, millet, Hungarian seed, 20 to 24 feet; hemp, 27 to 30 feet; timothy, 15 to 18 feet. Price \$9.50.



SALEM FERTILIZER SPREADERS

For Lawns, Gardens, Parks, Golf Courses, Cemeteries, etc.



Salem Spreaders distribute fertilizers, grass seed and other granular materials exactly as required. Other uses of these spreaders are countless: top dressing, sanding, distributing chemicals, spreading salt to avert accidents on icy sidewalks, sanding or ashing street crossings, etc.

All spreaders have enamel finish and double feed control—one manual and one automatic. The 16 in., 20 in. and 30 in. models have full welded agitators and riveted wheels (no bolts to get loose). "A Size for Every Need—A price for Every Purse."

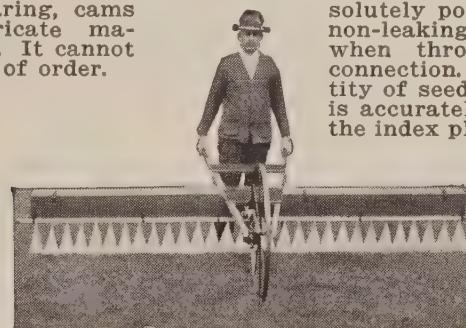
16 inch	\$ 5.95
20 inch	9.95
30 inch	16.75
36 inch Heavy Duty.....	35.50

THOMPSON'S CLOVER AND GRASS SEEDER

Sows 14 to 16 Feet Wide, Any Amount Desired Per Acre.
Will Sow 20 to 25 Acres Per Day.

This Grass Seeder is simple, without gearing, cams or intricate machinery. It cannot get out of order.

Perfection feed is attained in making it absolutely positive, yet a non-leaking carrier, when thrown out of connection. The quantity of seed to the acre is accurately shown by the index plate.



No. 11—Single Hopper Seeder. Capacity 1 to 24 quarts per acre. Sows all small seeds like Clover, Timothy and Alfalfa.

No. 12—Double Hopper Seeder. Capacity 1 to 96 quarts per acre. Sows all small seeds like Clover, Timothy, Alfalfa and also chaffy seeds like Red Top, Orchard Grass and Clean Blue Grass.

Prices:

No. 11—Single Hopper, 14 feet long.....	} Write for Prices
No. 11—Single Hopper, 16 feet long.....	
No. 12—Double Hopper, 14 feet long.....	

LIGHTNING SEED SOWER



Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left which closely resembles the old method by hand. Gives control over seed on a circle of 8 feet before it leaves the tube and the wind has no chance to blow seed into bunches before it strikes the ground.

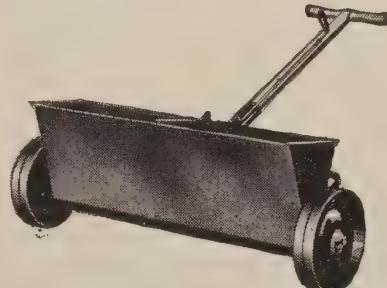
Cheap, durable, weighs only 12 ozs. Simple; no repairs.

Will sow 60 acres per day of Clover, Timothy, Millet, Alfalfa, Flax, etc.

Price \$1.25. Parcel Post weight, 1 lb.

MASTERS FERTILIZER DISTRIBUTORS AND GRASS SEEDERS

For uniformly spreading any dry pulverized commercial fertilizer, lime, ashes, bone meal or grass seed. The feed is adjustable at will by means of a convenient rod on the handle and can be shut off entirely when crossing walks and driveways. Can also be used for spreading salt, sand or ashes on icy walks.



No. M180—Spreading width 18 in.—holds 40 lbs....\$13.25
No. M240—Spreading width 24 in.—holds 75 lbs.... 16.75
No. M361S—Spreading width 36 in.—holds 115 lbs.. 26.00

ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

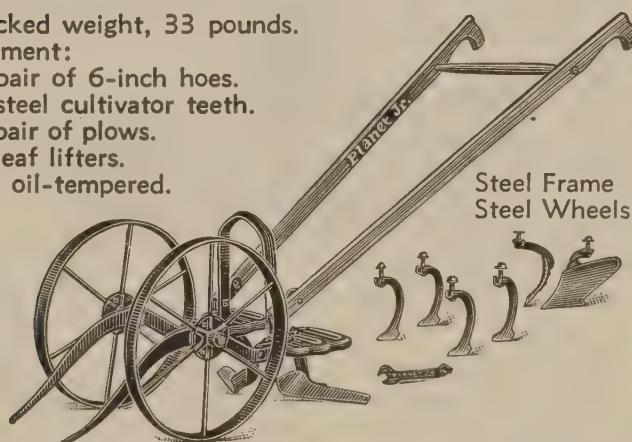
PLANET JR. HAND WHEEL HOES AND GARDEN PLOWS

No. 12 PLANET JR. DOUBLE AND SINGLE-WHEEL HOE COMBINED

Packed weight, 33 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 4 steel cultivator teeth.
- 1 pair of plows.
- 2 leaf lifters.
- All oil-tempered.



The No. 12 is the most popular Double-Wheel Hoe. It can be used by man, woman or boy. It is identical with No. 11, except that the $4\frac{1}{2}$ -inch hoes and the rakes are omitted from the equipment, and it is sold at a correspondingly less price. The attachments with it are what gardeners use most, and the short hoes, rakes and any of the attachments can be added at any time. You'll be astonished how easy it is to save time, labor, money and get bigger crops if you use it. Price \$15.70.

No. 11—The same as above except that it has one pair $4\frac{1}{2}$ -inch hoes, two 3-tooth rakes and two 5-tooth rakes, in addition. Price \$19.95.

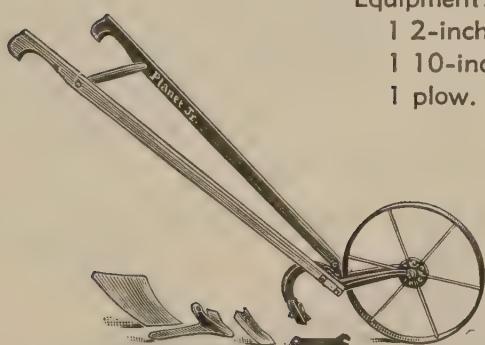
No. 13—Is constructed the same as the No. 12 (shown above) but has for the equipment one pair 6-inch hoes only. Price \$12.00.

No. 19 PLANET JR. GARDEN PLOW AND CULTIVATOR

Weight, 21 pounds.

Equipment:

- 1 2-inch cultivating tooth.
- 1 10-inch sweep.
- 1 plow.



No. 19—This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. The standard is slotted for depth regulation, and an adjustable piece carries any of the attachments that go with the machine. The cultivating tooth does deep work and marks out rows for onion sets, plants, etc. The sweep is fine for level shallow work. The five-prong cultivator attachment is bolted directly to the frame, first removing the S-37 standard. Use the five-prong attachment for deep and shallow cultivation. Price \$7.00.

No. 17 PLANET JR. SINGLE-WHEEL HOE

Packed weight 22 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 3 steel cultivator teeth.
- 1 large garden plow.
- All oil-tempered.



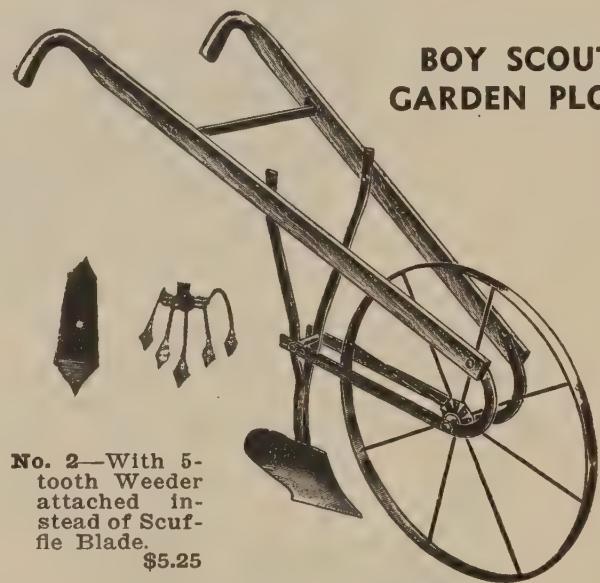
No. 17. The three sets of attachments which go with it are all the finest of their kind, and make an outfit sufficient for most garden work. You can do more and better work with it in one day than you can do in several days with the old-fashioned hand hoe. The hoes exchange sides to work to or from the row, and change of wheel regulates the depth. The hoes are constantly useful throughout the season. The cultivating teeth are oil-tempered and work admirably, are changeable for pitch and are useful for marking out rows. Price \$10.85.

No. 16—The same as above except in equipment, which includes one pair 6-inch hoes. Three cultivator teeth. One large garden plow. One 7-inch rake. One 4-inch rake. One leaf guard. Price \$12.40.

No. 17½—Same as No. 17—but without the plow. Price \$9.65.

No. 18—Same as the No. 17—but equipment consists of one pair of 6-inch hoes only. Price \$8.40.

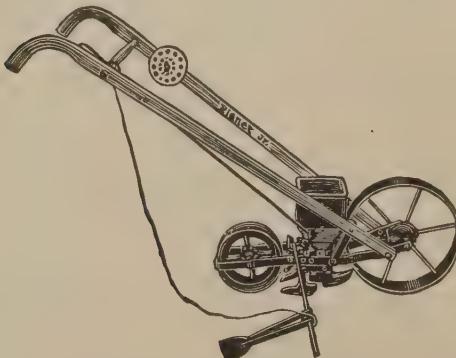
BOY SCOUT GARDEN PLOW



No. 2—with 5-tooth Weeder attached instead of Scuffle Blade. \$5.25

PLANET JR. SEEDERS

No. 300 Seeder—Will plant any vegetable seed from the smallest up to the bush lima beans. There are three plates with a total of 39 holes, giving ample adjustments for any variety of seed. You can change from one hole to another in five seconds, and from one plate to another in thirty-five. Capacity of hopper 4 quarts. Front wheel 15 inches in diameter, $2\frac{1}{2}$ inch tread. Rear wheel 11 $\frac{1}{4}$ inches in diameter, $2\frac{1}{2}$ -inch tread. Price \$27.50.



No. 300A—The same as No. 300 except that it has a concave rear wheel instead of the flat faced wheel. Price \$27.50.

**No. 25 PLANET JR. COMBINED HILL AND
DRILL SEEDER, DOUBLE-WHEEL HOE,
CULTIVATOR AND PLOW**



This can be used as a drill and is almost identical with the "Planet Jr." No. 4. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. It has 11½-inch wheels, and the hopper holds 2½ quarts. As a wheel hoe it is identical with the "Planet Jr." No. 12 Double-Wheel Hoe, the very best machine on the market. It takes but a moment to change from drill to wheel hoe. Price \$30.80.

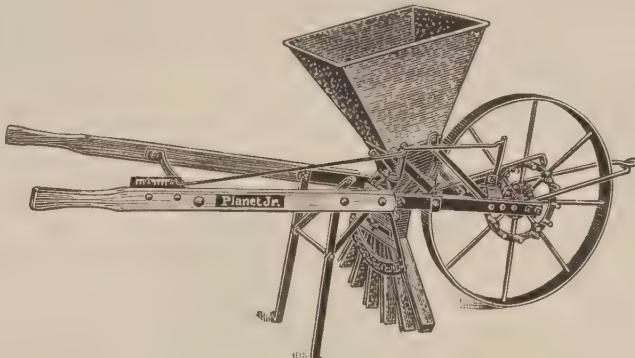
**PLANET JR. No. 4 COMBINED SEED DRILL
SINGLE-WHEEL HOE, CULTIVATOR
AND PLOW**

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds 2½ quarts of seed, which can be sown in continuous rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. Capacity of hopper, 2½ quarts. The drill is detached and the tool frame substituted by removing but one bolt.

Price, complete \$25.40
No. 4-D Plain Seeder 20.30

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

**No. 220 PLANET JR. FERTILIZER
DISTRIBUTOR**

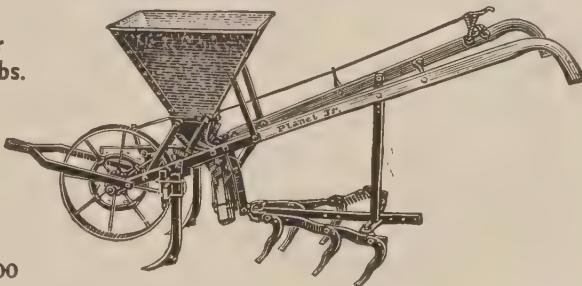


The No. 220 will distribute fertilizer in the middles of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart. You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side. It spreads fertilizer from 4 to 30 inches on the ground. The hopper capacity is one bushel. Will distribute 100 to 2,000 pounds of commercial fertilizer to the acre. Price \$38.00.

**PLANET JR. Nos. 230 and 230A FERTILIZER
DISTRIBUTOR AND CULTIVATOR**

Capacity
of Hopper
90 to 100 lbs.

No. 230
Price \$55.00



No. 230A With Two Wheels

Side Dress and Cultivate in One Operation

A new and highly recommended method of applying fertilizer to growing crops is to distribute it uniformly on the ground between the rows and to then cultivate it thoroughly into the soil. This insures all the feeder roots growing in the middle of the row getting their share of food. Cultivator closes to 12 inches: Opens to 21.

**PLANET JR. FIVE-TOOTH WEEDEER
ATTACHMENT**

Can be attached to any of the garden plows. \$1.80 each.

PLANET JR. ATTACHMENTS FOR HAND MACHINES

	Lb.	Oz.	Price
3-in.—S100/1 Hoes (5345/6 Steels), pair.	1	12	\$1.45
4½-in.—S100/1 Hoes (4059/60 Steels), pair	1	13	1.45
6-in.—S100/1 Hoes (4061/62 Steels), pair..	1	14	1.60
7½-in.—S100/1 Hoes (4802/3 Steels), pair.	2	3	1.80
9-in.—S100/1 Hoes (4804/5 Steels), pair...	2	4	2.00
Muck Hoes, S100/1	2	4	2.20
Special Muck Hoe Attachment.....	4	6	3.00
Disc Hoes, 3550x/3551/x, pair.....	5	7	4.60
Disc Hoes, 5316x/17/x, pair.....	3	13	3.00
3-Prong Cult. Teeth, S42/3, pair.....	2	8	1.80
Cultivator Teeth, No. 1395.....	7	.45	
Narrow Cultivator Teeth, No. 2775.....	7	.45	
Rakes, Three Tooth, S24, per pair.....	1	9	1.20
Rakes, Five Tooth, S25, per pair.....	2	2	1.80
Rakes, Seven Tooth, S26, per pair.....	3	1	2.40
No. 1696—Cultivator Tooth	9	.28	
No. 1697—Cultivator Tooth	4	.18	
No. 1704—Plow	13	.50	
No. 3999—10-inch Sweep	13	.55	
Reversible Scuffle Blade (4557x).....	2	6	1.20
8-in. Wheel Hoe Sweep with S-81 Std.....	1	3	.90
Plows for Dbl. Whl. Hoes, M5/N5, pair....	2	6	1.70
Plows for Sgl. Wheel Hoes, R6, each.....	2	5	1.40
Double Mouldboard Plow, 4678x.....	2	7	2.00

	Lb.	Oz.	Price
Double M/B Plow with Conn. Bar	3	7	\$2.65
5-Prong Attachment (S-94).....	1	6	1.05
No. 7563X—Five Tooth Weeder.....	2	6	1.80
Pulverizer Attachment, each.....	3	1	2.15
Onion Harvester, 8-inch 817X.....	1	13	2.15
Handles, per pair.....	3	12	2.50
Handles (Bent), per pair.....	4	12	2.50
No. 5430 Wrench.....	2	.12	

IMPORTANT

When ordering parts for your Implements, be sure and give the correct number of the parts you need.

What make and style tool is it? If a plow, is it right or left hand, is it steel or wood beam?

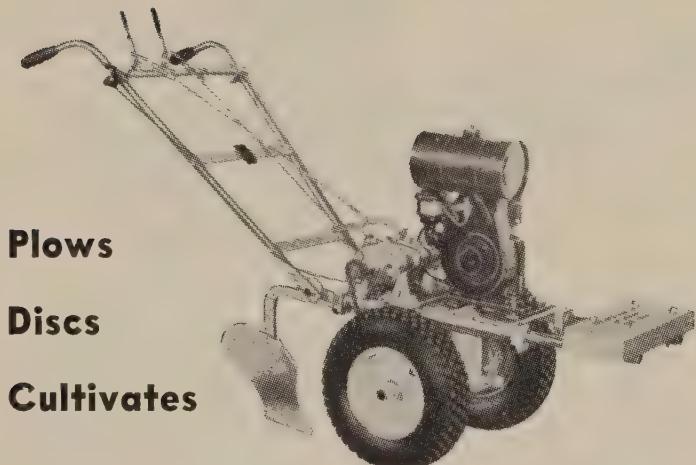
Know what you want—DON'T GUESS—be sure, and we can all save a lot of valuable time.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FULTON

"Do-More" Garden Tractors

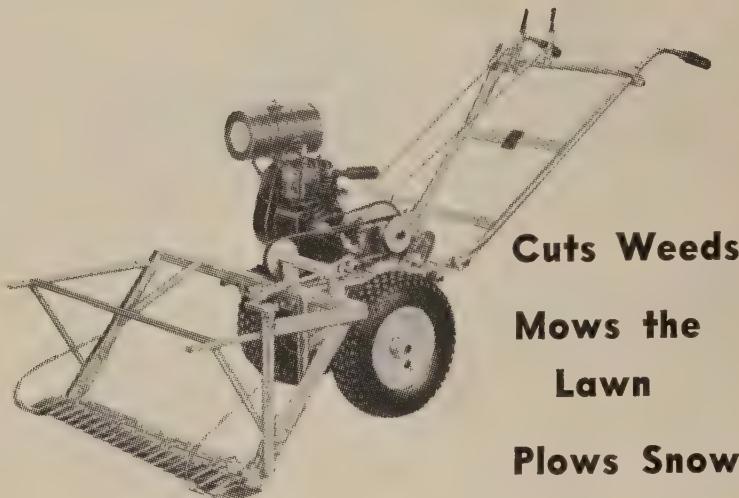
NOW AVAILABLE FOR IMMEDIATE DELIVERY.



Plows

Discs

Cultivates



Cuts Weeds

**Mows the
Lawn**

Plows Snow

POWERFUL 3 H. P. TRACTOR

Does all the jobs for your Country estate
. . . Small farm . . . Truck garden

Tractor only \$285.00

AN ALL-PURPOSE machine with attachments for use all the year around. See this Garden Tractor Before You Buy Any Tractor. WRITE OR PHONE for latest picture literature. Come in and see our display.

All These Attachments Available Now.

7" MOLDBOARD PLOW

With rolling coulter. Adjustable plow weight.....\$28.50
Universal Hitch for all Garden Attachments..... 12.50

6-TOOTH CULTIVATOR

Swivel action. High standards. Reversible steels...\$35.00
Single Tool Cultivator Frame with Tool..... 8.50
18-Tooth Spike Harrow..... 26.50

DISC HARROWS

6-Blade Disc Set.....\$30.00
8-Blade Disc Set..... 35.00
11" Diameter Blades—Reversible
Seeder Attachment\$27.50

36" FRONT CUT SICKLE MOWER

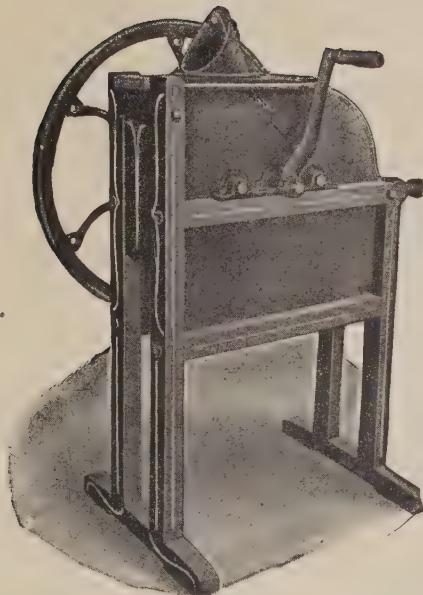
For cutting grass, hay or weeds.....\$85.00
36" Side Cut Sickle Mower for orchards, under
shrubs, etc. 95.00

Hay rake with sulky.....	\$68.50
Riding sulky for operator.....	40.00
Dump cart for hauling.....	60.00
Dump cart with brake.....	72.00
Snow plow and bulldozer.....	50.00

30" CUT POWER LAWN MOWER

For large lawns. 5-blade, 7" diameter, power driven reel. All welded steel construction	\$110.00
24"	105.00

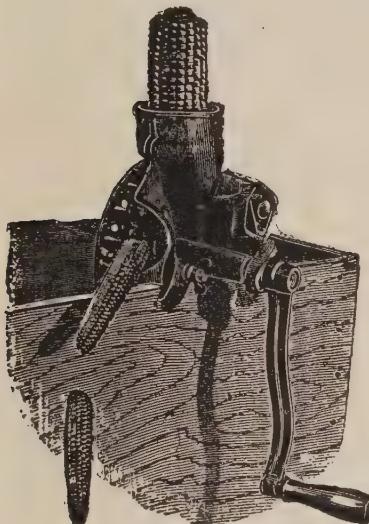
Plus Freight from Factory



"BUCH'S No. 3" SINGLE SPOUT CORN SHELLER

This very popular Sheller is well made, light running, and will give good service. It has large balance wheel, with heavy rim and wrought-iron spokes. The journal boxes are engine bored and bolted to hard-wood frames. Handsomely finished. Separates corn from cob. With sieve.....\$40.00

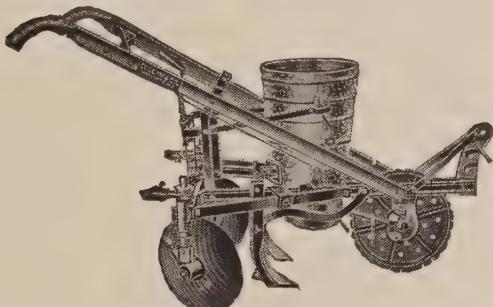
"BUCH'S No. 7" DOUBLE SPOUT CORN SHELLER



"BLACK HAWK" CORN SHELLER

This is undoubtedly the best Sheller of its class. It has a suitable device for adjusting it to take either large or small ears, and do good work with either. It readily attaches to barrel or box, and is just the thing for persons who have but a small quantity of corn to shell. Price \$6.00.

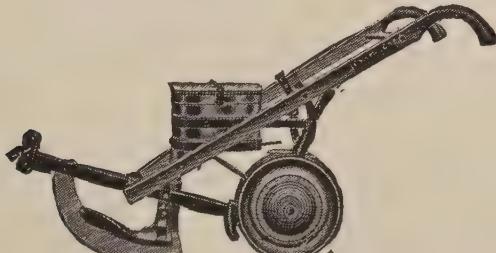
COLE "LABOR-SAVER" PLOW AND FERTILIZER DISTRIBUTOR



Remember this: The Cole puts out the fertilizer, mixes it with the soil, and makes a bed ready for the planter in one trip.

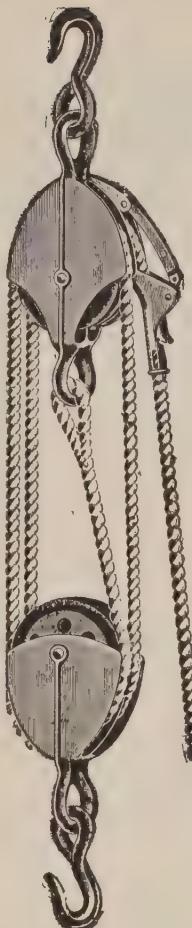
No. 60—With Shovels \$32.00
No. 61—Less Shovels 29.50
Ridge Board with Spring 2.50

COLE PLAIN-VIEW PLANTER



The Cole Plain-View Planter is the most wonderful invention in Seed Planters. Most accurate and reliable Corn Planter ever made.

No. 11—Plain Planter \$28.50
No. 12—With Fertilizer Attachment 33.50



STEEL HOISTS

No. 44—2 sheaves above, 2 sheaves below. For $\frac{3}{8}$ - to $\frac{1}{2}$ -inch rope. Capacity, 1,000 lbs. One man can lift 400 lbs. 2 $\frac{1}{2}$ -inch sheaves. \$3.60 each

No. 40—2 sheaves above, 2 sheaves below; for $\frac{1}{2}$ -inch rope. Capacity, 1,500 lbs. One man can lift 400 lbs. 3-inch sheaves \$5.10 each

No. 34—2 sheaves above, 2 sheaves below; for $\frac{1}{2}$ - to $\frac{5}{8}$ -inch rope. Capacity, 3,000 lbs. One man can lift 500 lbs. 4-inch sheaves... \$7.30 each

No. 28—2 sheaves above, 2 sheaves below; for $\frac{3}{4}$ - to $\frac{7}{8}$ -inch rope. Capacity, 4,000 lbs. One man can lift 600 lbs. 5-inch sheaves.

Rope not included in price.

ROPE

in all sizes and specifications.

Write for prices.



ACME CORN PLANTER

Full rotary drop. Double coil spring automatically rotates disc and closes jaws. Used in one hand like a walking stick. Disk is set for correct number of kernels by loosening thumb nut, moving star till pockets are of right size, then tightening thumb nut again. Plunge planter in ground, rock forward to trip seed, and withdraw. Price.....\$3.25

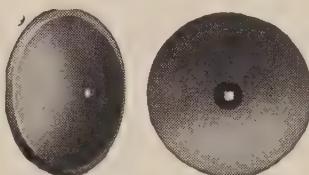
THE BUTTS REVERSIBLE HARROW TOOTH POINTS

Can be used on all Spring Harrow Teeth.

Price, each	36c
Points only	23c
Clamps only	15c

SYRACUSE REVERSIBLE HARROW TOOTH POINTS
Price

24c



Front and Back Regular
Harrow Discs

HARROW DISCS

16 in.	\$2.05
18 in.	2.85

Furnished with 15/16 in.
square hole.

SPIKE HARROW TEETH

$\frac{1}{2}$ x 8 inches.....	11c
9-16 x 8 inches.....	11c
$\frac{5}{8}$ x 8 inches.....	11c

RAKE TEETH

$\frac{3}{8}$ -inch. Single coil..... 52c

SPRING HARROW TEETH

For All Leading Harrows

75c each

*Richardson's
Griffith & Turner's
Wiseman-Downs'*

STEEL BEAM MOLDBOARD PLOWS

Empire Steel Beam Moldboard Plows have been proven and carefully field tested over a period of years and it is a generally accepted fact that they do better work. The shares are hardened and reinforced on the point with an extra lay of special steel for additional strength and to facilitate re-pointing when worn. Made with a double steel landside, with an adjustable landside heel for regulating the bottom suck and taking up wear.



SPECIFICATIONS

			Plows	Shares	Inside	Outside	Moldboards
PONY PLOW	7" cut	Approx. weight	56 lbs.	\$13.00	\$1.15	\$0.55	\$0.50
A.O. PLOW	8" cut	Approx. weight	60 lbs.	14.00	1.30	.55	.55
B.O. PLOW	9" cut	Approx. weight	64 lbs.	15.00	1.45	.55	.55
C.O. PLOW	10" cut	Approx. weight	78 lbs.	16.80	1.60	.75	.85

SYRACUSE PLOW PARTS

No.	Coulter and					No.	Coulter and				
	Chilled Shares	Heavy Shears	Slip Shares	Landsides	Mold-board		Chilled Shares	Heavy Shears	Slip Shares	Landsides	Mold-board
1-78	\$1.25	\$1.35	...	\$1.50	\$7.00	461-601-1461	1.30	...	...	2.00	5.50
2-78	1.10	1.25	\$1.25	1.35	5.25	462-602-1462	1.20	...	1.55	1.75	5.75
10-78	1.25	...	1.50	1.50	7.00	463-603-1463	1.25	...	1.50	1.50	4.50
20-78	1.15	1.30	1.25	1.35	6.75	464-604-1464	1.20	...	1.45	1.55	3.75
30-78	1.20	1.40	1.50	1.50	6.25	465-605-1465	1.15	...	1.40	1.50	2.95
361-501-1361	1.30	1.40	1.25	2.00	5.50	466-606-1466	.95	...	1.20	1.30	2.60
362-502-1362	1.20	1.30	1.15	1.75	5.00	467-1467	.60	...	...	.80	2.20
363-503-1363	1.00	...	...	1.50	4.25						

Landsides Interchangeable (361-1361) (362-1362) (363-1363) (461-1461) (462-1462) (463-1463) (464-1464) (465-1465) (466-1466) (467-1467).

Jointer Points (CE5) (CE6).....	\$0.35	Wheels only (CU6).....	\$0.85
Jointer Molds (CT7) (CT8).....	.75	Wheel Axle (DE4).....	.45
Slip Noses .....	.20	Wheel only, complete with Axle, Sand Cap, etc.....	1.70

TRACTOR PLOW PARTS

No.	Shares		Landsides		Moldboards
	Cast	Cast	Cast	Cast	Cast
X1441—	\$1.40	No. 3	\$1.60	No. 1441	\$7.30
X1441—12 in.	1.55	No. 4	1.30	No. 1442	6.75
X1441—14 in.	1.65	No. 3	1.50		
X1442—11 in.	1.20	No. 4	1.21		
X1450—14 in.	2.04	No. 3	1.50		
X1451—12 in.	1.93	No. 4	1.30		

JOHN DEERE WALKING PLOW PARTS

No.	Shares		Crucible Steel	Crucible Steel Qd.	Steel Landsides	Moldboard Hard Steel	Heels for Landsides
	Cast	Cast					
B28		C37-\$1.20	039	\$...	7684	B108	V112-\$0.75
B29			037	...	7721	B109	V112-.75
B110		C278- 2.10	...	...	7723	B110	V112-.75

No.	Shares		Crucible Steel	Landside Bar Steel	Landside Cast	Moldboard Hard Steel	Shoe for Landside
	Cast	Cast					
MP10	C141-\$1.35	141	7598			MP11D	V216-\$1.60
MP12	C125- 1.55	125	7598			MP11D	V216- 1.60
MP14	C127- 1.75	127	7600			MP15D	V218- 1.75
MP12F	C125- 1.55	125	....	V223-\$2.75	V225	MP11D	V98 - .95
MP14F	C127- 1.75	127	....			MP15D	V98 - .95

JOHN DEERE TRACTOR PLOW PARTS

C215—Cast Share	\$1.80	C217—Cast Share	\$2.15	C218—Cast Share	\$2.40
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OLIVER CHILLED PLOW PARTS

WALKING PLOWS AND PARTS

PARTS FOR INTERNATIONAL PLOWS

	Plain Shares	Slip Shares	Lands	Moulds	S B Standards	Wood Beams
Goober	\$0.50		\$0.75	\$1.75	\$2.70	
No. 6	.50		.65	1.70	2.00	
A	.50		.85	2.15	3.50	
AC	.60		.90	2.15	3.25	
B	.70		1.15	2.50	3.25	\$5.25
BC	.85		1.25	3.00	4.00	
10	.90	\$1.10	1.35	3.15	4.00	5.25
13	.95	1.15	1.45	3.75	5.00	5.75
19	1.10	1.30	1.60	4.75	5.50	6.00
20	1.15	1.40		5.25	6.00	6.00
E	1.35		1.75	7.00		
40	1.35	1.70	2.00	6.00	7.50	6.00
40XX	1.50					
82	1.10		2.70	6.25		
83	1.35			7.00		
83-88-12 in.	1.50					
84-88-14 in.	1.70			7.25		
F-905						
F926A						

FARMER'S FRIEND PARTS

No. 5						
Shares					\$0.50	
Landsides					.75	
Mouldboards					1.80	

STEEL BEAM CLEVISSES

Nos. 6—K.-G.					\$1.30	
Nos. A.—A. C.					1.65	
Nos. B.—B. C.—10, 13, and P. B.					2.15	
Nos. 19—20					2.50	
No. 40					3.40	
6 Hole Cross Clevis and Pin					.55	
8 Hole Cross Clevis and Pin					.70	
9 Hole Cross Clevis and Pin					.85	
11 Hole Cross Clevis and Pin					1.05	
No. 11—Shackle Holder					.30	
Shackle Pin					.15	
Clevis Jaws, R or L 2960					.70	
Clevis Jaws, R or L 2990					.90	
Clevis Jaws, R or L—3 Horse					1.05	
Cross Clevis Pin					.20	
No. 11—Shackle and Pin					.25	

WHEELS

State for Wood or Steel Beam						
1 Horse Wheels, complete					\$3.00	
2 Horse Wheels, complete					4.50	
Standard Brace					2.50	
Standard, Straight					1.30	
Wheels only					1.30	
Wheel Hubs					.35	
Wheel Hub Bolt					.08	

WOOD BEAM JOINTERS

Two and three-horse.					\$10.00	
Holders					4.50	
Standards					4.50	
Mouldboards					.65	
Points RH JY730 LH JY731					.35	

STEEL BEAM JOINTERS

No. 8 Jointer, Complete					\$14.00	
F-2286 or F-2287 Standard					2.75	
5500 or 2984 Shank					2.00	
F-2288 or F-2289 Point					.35	
F-2290 or F-2291 Mouldboard					.65	

WOOD HANDLES. (Single).					\$1.20	
Handle Rounds, each					.40	
Sets, all numbers up to 10. S.B.					2.75	
Sets, all numbers up to 13. W.B.					3.00	
Sets, all numbers, 13 and above. S.B.					3.05	
Sets, 10. W.B.					3.00	
Sets, all numbers 13 W.B. to 40 S.B.					3.50	

(State if old or new style handles.)
Wood or Steel Beam

WALKING PLOWS AND PARTS

PARTS FOR

INTERNATIONAL PLOWS

No.	Shares	No.	Land-side	No.	Mould-board
6002-R.H.	\$1.30	6021-R.H.	\$2.00	CP6008R.H.	\$6.36
6007-R.H.	1.35	6022-L.H.	2.00	CP6009R.H.	6.90
6027-L.H.	1.30	6001M-R.H.	1.35	CP6103L.H.	6.35
6028-L.H.	1.35	6001-R.H.	.75	CP6104L.H.	6.90
6174-R.H.	1.35			6003 Shins	1.00
6175-R.H.	1.40			6105 Shins	1.00

PARTS FOR SOUTH BEND PLOWS

No.	Share Plain	Land-side	Mould-board
B1	\$0.50	\$0.95	\$2.50
B1X	.55	.95	2.50
2	.55	1.15	2.80
2½ X	1.05	1.55	3.25
3	1.00	1.85	4.75
3X	1.20	1.85	4.75
R4X	1.40	2.00	5.50
10X	1.50	2.00	5.50

PARTS FOR CHATTANOOGA PLOWS

No.	Share Plain	Land-side	Mould-board
CP4166			
Slip Noses		\$0.20	
Chattanooga Jointer Points		.35	
Chattanooga Jointer Molds		.65	

LYNCHBURG PLOWS AND PARTS

No.	Plows	Shares	Land-sides	Mould-boards
2	\$12.75	\$0.53	\$0.65	\$1.80
Junior	13.00	.55	.70	1.80
Truckers	14.50	.55	.75	1.90
6X		.70	.95	2.50
22	23.75	1.05	1.60	4.00
27		1.05	1.55	4.00
32		1.25	1.60	5.00
37		1.25	1.80	5.00
42		1.35	2.25	6.15
52		1.70	2.45	7.50
TS1	24.00	.55	1.30	1.85

GENUINE BOSS PLOW REPAIRS

No.	Shares	Land-sides	Mould-boards
Cabbage	\$0.25	\$0.55	\$0.35
1½ x2	.35	.55	.70
2½ x3	.40	.55	.80
20	.50	.55	1.30
Double Mouldboard and Share			3.00
Double Share			.40
Clevice Standards			2.75
Handles, Complete			1.50
Beams			1.25
Bolts			.05

WIARD PLOW PARTS

No.	Shares Plain	Shares Slip	Land-sides	Shoes	Mould-boards
80-81	\$1.25	\$1.17	\$1.55	\$1.25	\$7.00
90-91	1.25	1.70	1.55	1.25	7.00
103-104	1.35	1.55	2.25	1.30	7.00
106	1.50	1.45	2.25	1.30	7.50
219	1.00		2.00		5.75
546-1546	1.65		2.40		6.36
548-1548	1.35		2.17		
1526 Bolted	1.75		1.55		7.00
1526 Q.D.	1.90		1.55		7.00

No. 103-104-106 Solid Landsides

\$2.50

Slip Noses			.22
L. Clevinces			.85
Jointer Points			.40
Jointer Moulds			.64

FERGUSON PLOW PARTS

SHARES	121-AO173 Short	121-AO175 Long	MOULDBOARD
12-A-AO120DDS	\$1.65	1.70	
12-B-AO120DDS	1.45		
121-AO120DDS	1.45		
LANDSIDES			12-B-AO110
12-B-AO173 Short	\$1.20		\$6.65
12-B-AO175 Long	1.70		121-AO110
SHINS			121-AO116
			\$0.85

GENUINE PLANET JR. EXTRAS

**TO DETERMINE THE QUALITY
OF A CULTIVATING STEEL**
Look on the Back
If it reads



You can depend upon it being
the Standard of Quality and
Design and an assurance of
long and satisfactory service.

CULTIVATOR STEELS

	Lb.	Oz.	Price
No. 4064—1x8-inch Steel	10	\$0.23	
No. 1156—1½x8-inch Steel	11	.24	
No. 2367—1¾x8-inch Steel	11	.25	
No. 2368—2¼x8-inch Steel	12	.30	
No. 2369—3x8-inch Steel	14	.36	
No. 2370—4x8-inch Steel	1	.45	
No. 1888—1½x10-inch Steel	13	.30	
No. 1249—1¾x10-inch Steel	14	.31	
No. 1199—2¼x10-inch Steel	14	.36	
No. 1200—3x10-inch Steel	1	.43	
No. 1201—4x10-inch Steel	1	.48	

2 Holes 1¾-inch Centers

	Lb.	Oz.	Price
No. 8764—1½x10-inch Steel	13	\$0.30	
No. 8765—1¾x10-inch Steel	14	.31	
No. 8766—2¼x10-inch Steel	14	.36	
No. 8767—3x10-inch Steel	1	.43	
No. 8768—4x10-inch Steel	1	.48	

SHOVEL STEELS

	Lb.	Oz.	Price
No. 2539—7-inch Shovel Steel	1	8	\$0.50
No. 2540—8-inch Shovel Steel	1	12	.55

REGULAR SWEEPS

	Lb.	Oz.	Price
No. 1614—6-inch Sweep	1	1	\$0.50
No. 1169—8-inch Sweep	1	4	.55
No. 1170—10-inch Sweep	1	7	.60
No. 1171—12-inch Sweep	1	10	.70
No. 1172—15-inch Sweep	1	14	1.00
No. 3148—18-inch Sweep	2	3	1.20
No. 3491—24-inch Sweep and bolts	3	2.15	
No. 4903/4—6-inch One Sided, pair	1	14	1.00
No. 3583/4—8-inch One Sided, pair	2	5	1.10
No. 3585/6—9½-inch One Sided, pair	2	8	1.20
No. 3587/8—11-inch One Sided, pair	2	13	1.35

IMPROVED SWEEPS

	Lb.	Oz.	Price
No. 2731—3-inch Imp. Sweep	10	\$0.40	
No. 1494—5-inch Imp. Sweep	14	.50	
No. 1495—8-inch Imp. Sweep	1	5	.60
No. 1496—10-inch Imp. Sweep	1	9	.70
No. 1497—12-inch Imp. Sweep	1	14	1.00
No. 1498—15-inch Imp. Sweep	2	5	1.20
No. 1499—18-inch Imp. Sweep	2	11	1.65
No. 8229—21-inch Imp. Sweep	3	3	2.15
No. 3582—24-inch Imp. Sweep, Bolt	3	8	2.75
No. 5380/1—5-inch Imp. Half Sweeps, pair	1	12	1.10
No. 4930/1—7-inch Imp. Half Sweeps, pair	2	7	1.45

ORIOLE WALKING CULTIVATOR STEELS

	Lb.	Oz.	Price
1¼x8 inch			\$0.17
1½x8 inch . . . . .			.18
2 x8 inch . . . . .			.19
2½x8 inch . . . . .			.21
3 x8 inch . . . . .			.23
3½x8 inch . . . . .			.24
4 x8 inch . . . . .			.27
No. 10—Turn Shovel, R. & L. . . . .			.40
No. 16—Turn Shovel, R. & L. . . . .			.38

ORIOLE RIDING CULTIVATOR STEELS

	Lb.	Oz.	Price
1½x10 inch			\$0.21
1½x10 inch . . . . .			.22
2 x10 inch . . . . .			.24
2½x10 inch . . . . .			.26
3 x10 inch . . . . .			.28
3½x10 inch . . . . .			.31
4 x10 inch . . . . .			.32
No. 7—6-inch Sweep . . . . .			.37
No. 7—8-inch Sweep . . . . .			.41
No. 7—10-inch Sweep . . . . .			.46
No. 7—12-inch Sweep . . . . .			.51
No. 7—15-inch Sweep . . . . .			.57
No. 7—Centre Steel . . . . .			.35



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ORIOLE CULTIVATOR EXTRAS

Wheels for Cultivator		\$1.08
Set Screw Clamps . . . . .		.52
Wheel Cultivator Clamps . . . . .		.69
Teeth for Combined Harrow and Cultivator . . . . .		.19

TRACTOR SWEEPS

2 Holes—2-inch Centers	Lb.	Oz.	Price
1 11/16-inch Square Holes	1	8	\$0.65
No. 8800—6-inch Tractor Sweep	1	12	.85

HILLERS AND PLOWS

No. 1167—8—6-inch Hillers, pair	4	12	\$1.60
6-inch Hillers, with conn. pieces	6	15	2.65
No. 495-6—7-inch Plows, pair	5	10	1.95

7-inch Plows, with conn. pieces	7	13	3.00
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TURNING SHOVELS

No. 3822/3—5-inch, pair	2		\$0.95
No. 3580/1—6-inch, pair	2	15	1.05
No. 3824/5—7-inch, pair	3	12	1.35

FURROWERS

No. 1161—10-in. Furrowers	3	5	\$1.20
No. 2621—12-in. Furrower and Bolt	4	5	1.80
No. 1162—15-in. Furrower and Bolt	6	2	2.30

DISCS

12-inch for P. W. C., per pair	30		\$7.85
14-inch for P. W. C., per pair	33	8	9.00

SHOVEL PLOW BLADES

Single Shovel Blades—No Bolts:			
8x10x1/4 inch			\$0.80
10x12x1/4 inch			1.15
12x12x1/4 inch			1.40
12x12x1/4 inch			1.55
9x14x1/4 inch			1.15

Double Shovel Blades—No Bolts:			
5x10x1/4 inch			\$0.52
6x10x1/4 inch . . . . .			.58
8x10x1/4 inch . . . . .			.80

Triple Shovel Blade—No Bolts:			
4x7x1/4 inch			\$0.42
5x7x1/4 inch . . . . .			.45
5x8x1/4 inch . . . . .			.47

Double Shovel Bull Tongues—1 or 2 Holes—No Bolts:			
1 1/2 x 8 x 5/16 inch			\$0.25
2 x 8 x 5/16 inch . . . . .			.30
2 x 10 x 5/16 inch . . . . .			.40
2 1/2 x 10 x 5/16 inch . . . . .			.45
3 x 10 x 5/16 inch . . . . .			.55
2 x 11 x 5/16 inch . . . . .			.46

MISCELLANEOUS

	Lb.	Oz.	Price
No. 1229—Harrow Tooth	14		\$0.50
No. 7572X—Chisel Tooth, complete	3	9	1.80
No. 6706—Point for Chisel Tooth	5		.25
No. 3 Wrench	5		.18
Bolts for Steels, 3/8 x 1 1/4, 1 3/4 inch	1		.05
Bolts for Steels, 3/8 x 2, 2 1/4 and 2 1/2 inch	2		.05
Bolts for Steels, 3/8 x 3 inches	2		.06

PLOW HANDLES

Not Finished

1 1/4 x 2 1/4 ins., 5 ft. long, per pair		\$1.25
1 1/2 x 2 1/4 ins., 5 ft. long, per pair		1.60

MOWER AND BINDER EXTRAS TO FIT LEADING MACHINES

Name of Mower	No. of Pitman Box	Price
Adriance (Buckeye)	61K	\$1.50
Deere Mowers	Z513	1.00
Deering	D608	.85
Deering	G191	.85
Emerson	M517	1.05
Johnston	2207C	.85
Massey-Harris	M800½	1.30
McCormick	M317	.85
McCormick	ME317	.85
McCormick	MC2077	2.00
Milwaukee	PJ50	.85
Oliver	Z73	1.35
Oliver	Z154	1.35
Osborne	KA1158	1.00
Thomas-Crown	M201	1.10
Wood-Admiral	2941	1.65
Wood	AK367	1.65
Complete Knives—4½ ft.....		\$4.00
Complete Knives—5 ft.....		4.25
Complete Knives—6 ft.....		4.75
Complete Knives—7 ft.....		5.25
Complete Knives—8 ft.....		5.75
Add extra for Knives with steel heads .....		.40
Extra for Knives with serrated sections .....		.40
Knife-Heads—Steel		1.45
Knife-Heads—Malleable .....		.80
Sections—Box of 25.....		2.00
Sections—Each .....		.10
Rivets—Pound .....		.30
Mower Guards .....		.55
Binder Guards .....		.55
Guard or Ledger Plates.....		.10
Guard Bolts .....		.07
Wood Mower, Pitman's (Massey-Harris) \$6.50; Adriance Buckeye, Plano & Wood.....		3.75
Wood Mowers, Pitman's, others		3.25
Wood Binder, Pitman's (McCormick)		1.10
Wood Binder, Pitman's, others .....		.85
Binder Canvas Slats.....		.25
Pitman Bolts .....		.15
Pitman Straps, Box end.....		.40
Pitman Straps, Knife end.....		.55
Knife Clips .....		.20
Wearing Plates .....		.20

KEYSTONE TONGUE SUPPORT

For harvesting machinery and disc harrows. \$7.50.

SHOE SOLES FOR MOWERS



Adriance

3099D—Inner, Nos. 7 and 8.....\$1.70
3073J—Outer, Nos. 7 and 8..... .90

Champion

A5810½—Inner, Imp. Mower... 1.65
A5847—Outer, Improved Mower. 1.35

Deere-Dain

Z5379—Inner, Dain 1.20
Z5231—Outer, Dain-Deere85
Z5786 1.20
Z6058—Inner, Deere 1.20

Deering

D2097—Inner 1.35
D2510—New Ideal, Inner (D3501) 1.05
D2937—New Ideal, Outer..... 1.00

Emerson

M95S—Inner 1.45
M173½S—Outer (0-10959), with Bracket 1.00

Johnston

63FC—Outer, with Bracket.... 1.45
1812—Inner, Nos. 9, 12, and 14.. 1.35
2323—Inner, No. 12..... 1.35
63FD—Outer, No. 14 1.45

McCormick

M465—Inner, New 4-1896-11 1.55
MC465—Inner, New 4-1912.... 1.55
MA259—Outer, New 4 1.00
M259½—Outer 1.20

Massey-Harris

M2216—Outer, Nos. 20 and 21, plain80
M2217—Outer, Nos. 20 and 21... 1.20
M2276—Inner, Nos. 20 and 21.... 1.40
L1065—Inner, No. 22..... 1.40
M2898—Outer, No. 22..... 1.20

Milwaukee

PJ108—Inner 1.55
PJ278—Outer 1.20

Oliver

Z5141—Outer95
Z5480—Inner 1.45

Osborne

7010—Inner 1.10
10959—Outer95

Thomas

M2058—Outer 1.00
1096—Inner 1.65
M2060—Inner (New Mower) ... 1.30

Wood

K3427—Inner 2.65



McCOR.-DEERG.
M1407

TO FIT THE FOLLOWING

Adriance
706D—Spur Pinion \$1.60
555D—Spur Gear and Bevel Pinion 6.65

Case, Osborne

894—Spur Pinion 1.60
896—Bevel Gear 4.35
899—Bevel Pinion 1.00

Champion

A865—Spur Pinion 1.55
A867—Bevel Pinion 1.35
A864—Spur Gear 7.70

Dain, Deere

Z125—Bevel Gear 3.95
Z130—Bevel Pinion65
Z414—Bevel Gear 4.55

Deering Ideal

D356—Bevel Gear 5.50
D458—Bevel Pinion 1.10

Deering New Ideal

D864—Bevel Gear 4.25
D865—Bevel Pinion 1.20
D730—Spur Pinion 1.25
D989—Bevel Gear 3.75

Emerson

M395—Clutch Gear 3.30
M404—Bevel Gear 3.10
M608—Spur Gear 3.65
M522—Bevel Pinion 1.10

McCormick New 4

M633—Spur Pinion 1.65
M635—Bevel Pinion 1.10
M813—Bevel Gear 5.00

McCormick New Big 4

M837—Bevel Gear 5.00
M838—Bevel Pinion85
MA814—Clutch 1.25
M1400—Clutch 1.75

McCormick No. 6 Vertical

MA1405—Spur Gear 7.25
MA1406—Spur Pinion 1.65
M1407—Bevel Gear 5.00
M1408—Bevel Pinion 1.10

Oliver

Z35—Bevel Pinion 1.10
Z176—Spur Pinion 1.60
Z177—Bevel Gear 4.75

Thomas

65—Bevel Pinion (M259).... 1.30
301—Bevel Gear (M231).... 3.75
302—Triple Gear (M232).... 5.00
303—Drive Gear (M224).... 4.55
20—Drive Gear (M223).... 4.50

Wood

2525—Bevel Gear 6.20
2791—Bevel Pinion 2.00
2790—Spur Pinion 2.10
K338—Spur Pinion..... 2.10

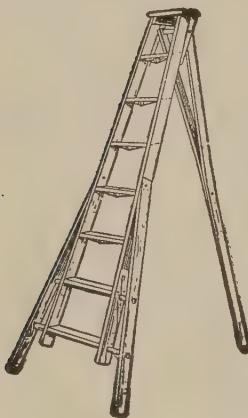
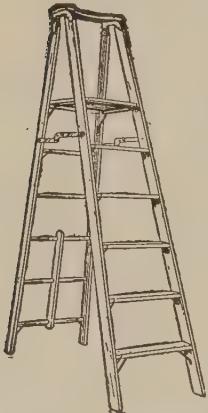
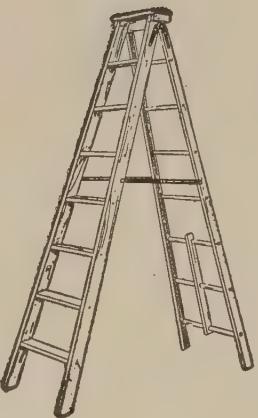
ALL PRICES F.O.B. BALTIMORE

Richardson's
Griffith & Turner's
Wiseman-Downs'

ELECTRICIAN'S STEP-LADDER

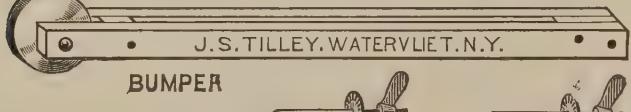
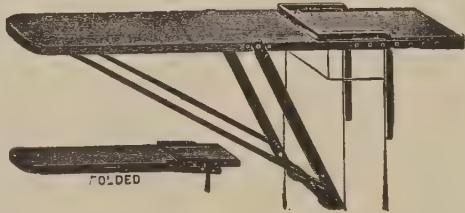
A combination Step-Ladder and Trestle. The rounds in the back are 1½ inches in diameter.

6 ft....	\$ 9.65	12 ft....	\$19.30
8 ft....	12.90	14 ft....	25.50
10 ft....	16.10	16 ft....	29.10

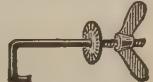


WINDOW BRACKETS

No. 1—4 ft. 4 in.	\$19.60 each
No. 2—6 ft.	\$23.10 each



BUMPER



BUMPERS

Bumpers for stages, without hooks, pair.....\$4.20
Bumper Hooks, with nuts and washers, set of 4.....4.20

STURDY SINGLE LADDERS

Exceptionally well built. Width of ladder is nicely tapered. Light, strong, and sturdy. Good quality spruce.	
10 ft.....	\$7.00
12 ft.....	8.40
14 ft.....	9.80
Ladder Rungs .....	.20

ALL PRICES F.O.B. BALTIMORE
SUBJECT TO CHANGE WITHOUT NOTICE

GRIFFITH & TURNER, 124 N. Paca St.—Saratoga 2300-2301

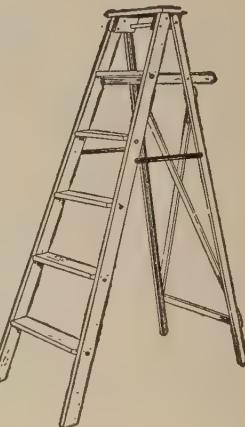
THERE'S A TILLEY LADDER FOR EVERY NEED

HUDSON STEP-LADDER

For all uses, light, strong and stiff. A rodded step-ladder for general purposes. A ¼-inch rod under every step and every rod trussed. Pail rests on all Hudson Ladders of four steps and over.

This light, sturdy ladder is so well adapted for so many purposes that it has always been the best seller. The favorite with painters, janitors and for general household duty.

3 ft.....	\$3.55	6 ft....	\$ 7.15
4 ft.....	4.75	8 ft....	9.50
5 ft.....	5.95	10 ft....	11.90
12 ft.....			\$15.10

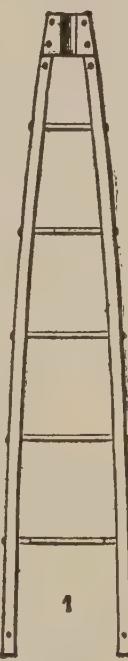


PLATFORM STEP-LADDER

Built for safety and durable service. Safety platform is 14x18 inches, reinforced with steel.

Heavy	Heavy
No. 6 4 ft.	\$18.20
No. 8 6 ft.	22.40
No. 10 8 ft.	26.60
No. 12 10 ft.	30.80
	No. 14 12 ft.
	\$35.00
No. 16 14 ft.	39.20
No. 18 16 ft.	44.80
No. 20 18 ft.	50.40

Note: Height given is from ground to platform.



OMEGA STEP-LADDER

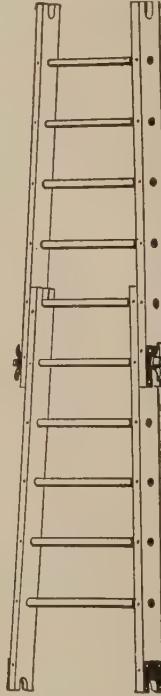
A tripod Step-Ladder particularly adapted for orchard work, fruit-picking, and for use on uneven ground. All flat steps. Easy to stand on and easy to move. Folds up compactly.

5 ft.....	\$5.95	8 ft....	\$ 9.50
6 ft.....	7.55	10 ft....	11.90

TILLEY WINDOW-CLEANERS' LADDER

A very convenient Ladder for window-cleaning purposes or where a Ladder has to be carried from one place to another. It is made in sections, which makes it convenient to handle. All sections are fitted into each other.

These Ladders are made in 6 foot lengths.
Top Section \$5.75
No. 2—Middle section 5.60
No. 3—Bottom section, 6 ft. 3 in..... 5.60



TILLEY SECTIONAL LADDER

Made in 6 foot sections, each end protected with iron plates and equipped with large bolts with thumb-nuts, making them safe and durable. Hickory rungs. Sections 6 ft. 5 in.....\$7.35

ROOF AND GUTTER HOOK



For hanging swinging stages or can be used for many other purposes; strong and durable.
20 ¾ x 27 in.....
27 x 37 in.....
32 x 44 in.....
Tie-back Rings, extra.....

FRUIT OR ORCHARD LADDERS

Open Top

10 ft.....	\$7.00	18 ft....	\$13.85
12 ft.....	8.40	20 ft....	15.40
14 ft.....	9.80	22 ft....	16.95
16 ft.....	11.20	24 ft....	20.15

CHOOSE TILLEY JACKS AND STAGES

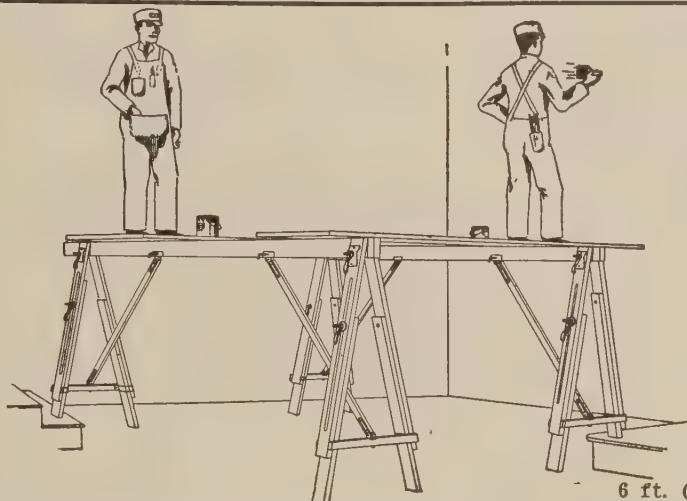


LIBERTY EXTENSION LADDER

A sturdy, good-quality, Extension Ladder for all general purposes. Equipped with rope hoist, malleable locks securely bolted to side. Side rails of air-dried select material. Regularly made with spread bottom.

20 ft. (Two 10-ft. sections, extends to 17 ft.)	
24 ft. (Two 12-ft. sections, extends to 21 ft.)	\$18.20
28 ft. (Two 14-ft. sections, extends to 25 ft.)	21.85
32 ft. (Two 16-ft. sections, extends to 29 ft.)	25.50
36 ft. (Two 18-ft. sections, extends to 33 ft.)	29.10
40 ft. (Two 20-ft. sections, extends to 36 ft.)	35.30
44 ft. (Two 22-ft. sections, extends to 40 ft.)	39.20
58 ft. (Three sections, with locks and rope on top section)	43.10
64 ft. (Three sections, with locks and rope on top section)	88.20
Ladder Locks. Per pair.....	96.60

As we do not manufacture this merchandise, it is understood that no warranty of any kind, express or implied, is made by us with reference to fitness, merchantability or otherwise of the merchandise.

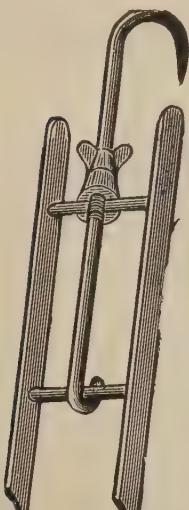


ADJUSTABLE SCAFFOLD JACKS

With Wing Nut Clamps

To properly scaffold a room, it requires 4 jacks on which planks can be laid, thus giving a safe platform to work on.

No. 6. 4 ft. (extends to 6 ft.)	\$14.70
No. 7. 5 ft. (extends to 8 ft.)	16.10
No. 8. 6 ft. (extends to 9½ ft.)	18.20
No. 9. 7 ft. (extends to 11 ft.)	19.60
No. 15. 8 ft. (extends to 12½ ft.)	23.10
No. 16. 10 ft. (extends to 16 ft.)	35.00
No. 17. 12 ft. (extends to 20 ft.)	40.60



LADDER HOOK
\$2.45 each

Richardson's
Griffith & Turner's
Wiseman-Downs'

SPRING LOCK EXTENSION LADDER

Side rails of thoroughly air-dried selected material. Rungs are selected ash and hickory, with minimum diameter of 1-3/16 inches. All equipped with rope hoist and two improved automatic spring locks of soft malleable and cold-rolled steel, securely bolted to side rails.

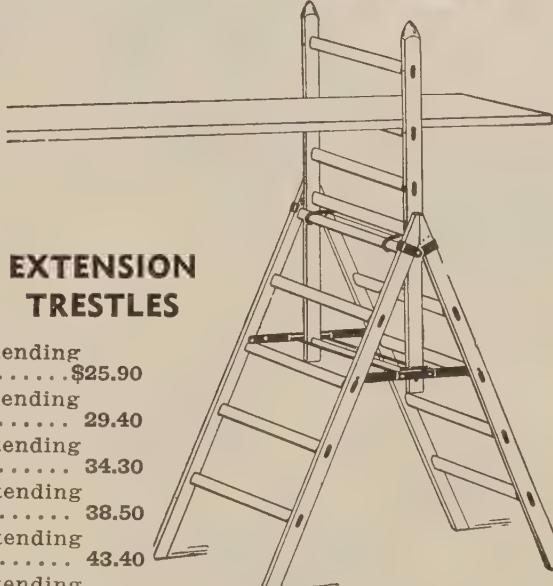
Spring Lock	Liberty
\$18.20	\$16.80
21.85	20.15
25.50	23.50
29.10	26.90
35.30	32.75
39.20	36.40
43.10	
88.20	
96.60	

CLEVELAND LADDER JACKS Per Pair



EXTENSION TRESTLES

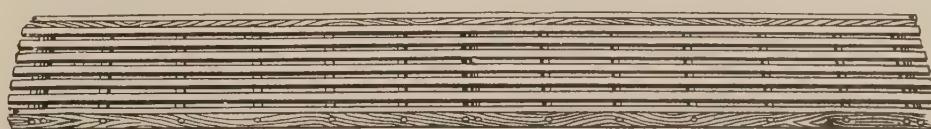
6 ft. (extending to 10 ft.)	\$25.90
8 ft. (extending to 14 ft.)	29.40
10 ft. (extending to 18 ft.)	34.30
12 ft. (extending to 22 ft.)	38.50
14 ft. (extending to 26 ft.)	43.40
16 ft. (extending to 30 ft.)	49.00
Cross Braces.	



EXTENSION PLANKS

These adjustable Planks are used by painters and decorators and are now a part of their equipment.

6 ft. (two sections, extends to 10 ft.)	\$ 9.80
8 ft. (three sections, extends to 14 ft.)	13.30
10 ft. (three sections, extends to 18 ft.)	15.40



SWINGING STAGE PLATFORM

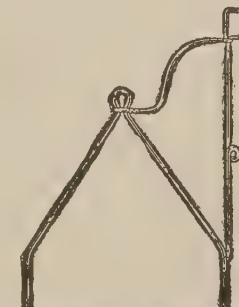
Reinforced,
Floored
20" Wide
Per Foot

10 to 16 ft.	\$1.86
18 to 22 ft.	2.07
24 to 30 ft.	2.42

TOOTHPICK STAGES

Reinforced,
12" Wide
Per Foot

10 to 16 ft.	\$1.54
18 to 22 ft.	1.65
24 to 30 ft.	1.82

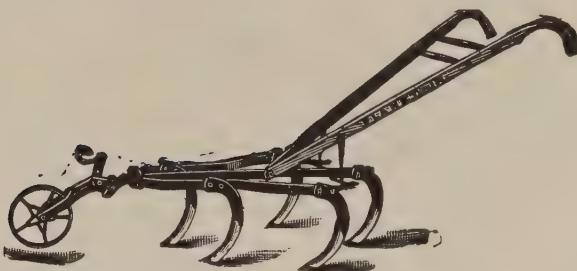


TRIANGLES FOR GUARD RAIL

Size 20½-in.
\$17.50 per pair

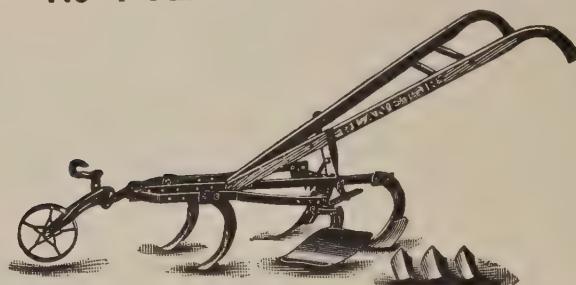
CULTIVATORS AND HORSE HOES

No. 100 PLAIN CULTIVATOR



No. 100 Cultivator. This very popular tool is strong, plain, simple, business-like and does its work to perfection.
 No. 100, with wheel..... \$11.50
 No. 100-D, no wheel..... 10.00
 No. 101, with wheel..... 13.00
 No. 101-D, no wheel..... 11.50

No 4 PLANET JR. HORSE HOE



This tool is low in price, strong and simple; provided with patent handle braces; firm, simple, strong, convenient.
 No. 4, with wheel..... \$16.00
 No. 4-D, no wheel..... 13.90

No. 9 PLAIN CULTIVATOR



The No. 9 is well built and of the right design. The especially hardened beveled steel teeth keep sharp and give 50% more service. The No. 9 is light, yet strong, with steel wheel, hollow steel standards, and steel draft hook.
 No. 9, with wheel..... \$16.35
 No. 9-D, no wheel..... 14.25

No. 90 PLANET JR. 12-TOOTH HARROW CULTIVATOR AND PULVERIZER



This tool has rapidly grown in favor among strawberry growers, market gardeners, truckers and farmers.
 No. 90, Complete \$22.40
 No. 90-B. Less Pulverizer 18.75
 No. 90-D. Plain 14.85
 No. 91. With wheel 16.95
 No. 92-D. Plain 13.25

14-TOOTH COMBINED HARROW AND CULTIVATOR

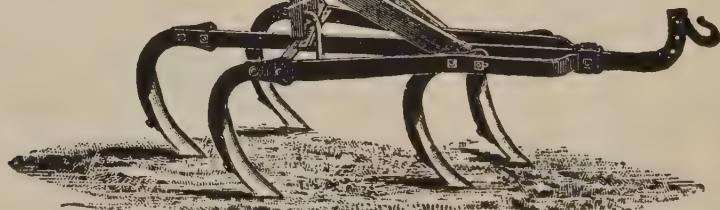


This is a very useful tool, which can be made to do a variety of work. The teeth are set in different positions. Desirable for first cultivation. Price, with lever, \$12.00.

ORIOLE BENT FRAME CULTIVATOR

To those who desire a Cultivator a little lighter and lower-priced, we offer this one as a thoroughly reliable tool, from the standpoint of construction and material as well as working qualities.

Price \$10.00
 With Lever \$11.00



UTILITY BOX FOR FORD TRACTORS

Every Ford owner will want this handy Utility Box wheelless trailer. In only 30 seconds, it converts a Ford Tractor into a flexible, small truck with a load capacity of 750 lbs.

It travels anywhere—is easily maneuvered into otherwise inaccessible places—does almost any carrying job.

It's expertly engineered to withstand all the hard use you can give it!

SPECIFICATIONS

Designed for Ford Tractor.
 First grade hardwood construction.
 Steel re-enforced.
 Hydraulically operated.
 Stabilizing bar prevents tipping.
 Immune to weather changes.

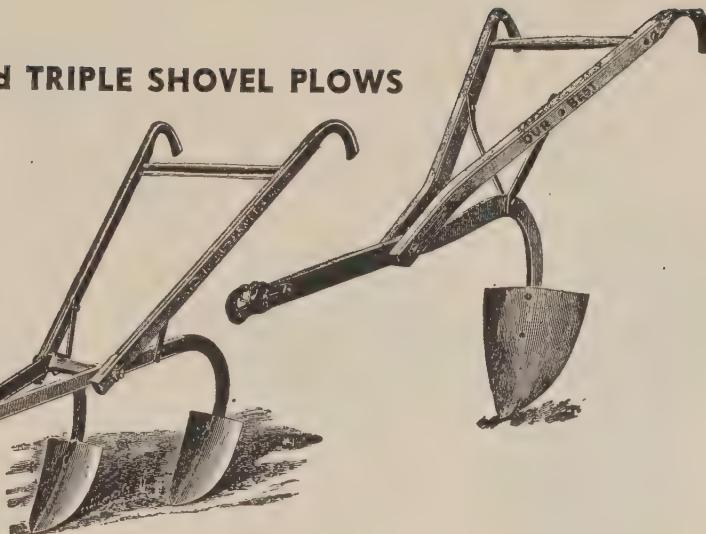
Weight, 111 Lbs.

Price \$26.60

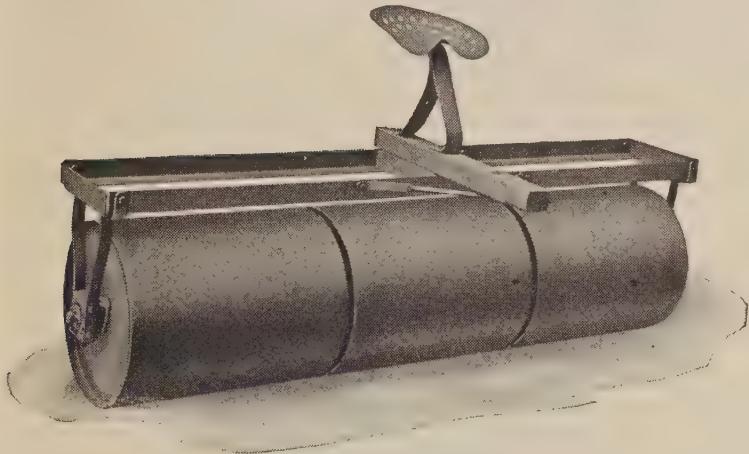
SINGLE, DOUBLE and TRIPLE SHOVEL PLOWS

The beams of these plows are of a good grade of steel and heavy enough to stand severe work. The shovels are of good quality, and on the whole, they will give good satisfaction and long service.

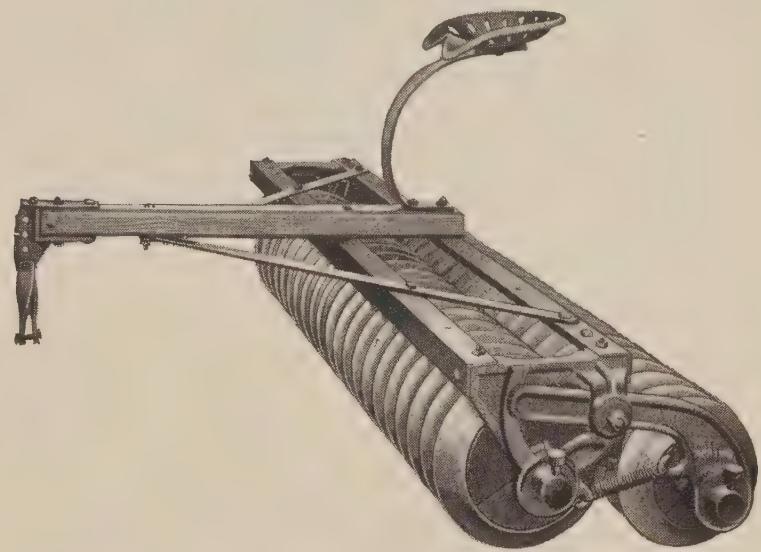
Single Shovel Plow....\$6.60
Double Shovel Plow.... 6.85
Triple Shovel Plow.... 9.00



STEEL FIELD ROLLERS



No. 105 1/2—Two Horse Roller. Width 96 inches. Diameter 24 inches. 2 sections. Steel drums.....Write for Prices
No. 106 1/2—Two-Horse Roller. Width 96 inches. Diameter 24 inches. 3 sections. Steel drums.....Write for Prices
Eveners Extra.....
Neck Yoke Extra.....

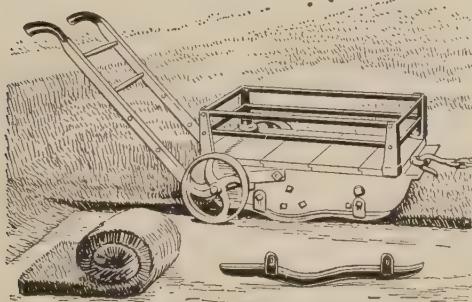


Brillion Soil Pulverizers are built in many types and sizes. There is one available to meet successfully the conditions encountered on practically any farm.

No. L. D. 64—Rolling Width 5 ft. 4 in.....	} Write for Prices
No. L. D. 76—Rolling Width 6 ft. 4 in.....	.....
No. L. D. 88—Rolling Width 7 ft. 4 in.....	.....
No. L. D. 100—Rolling Width 8 ft. 4 in.....	.....

Add for Seat and Spring.....
Double Trees and Neck Yoke—Add.....

CHAMPION SOD CUTTER



The Champion Sod Cutter is constructed entirely of metal, composing cast iron, malleable and steel. The extra heavy castings will withstand the hardest usage. The knives are made from one piece steel and with a little care they will last for years. The machine itself is constructed in such a way that it will last indefinitely.

The Champion Sod Cutter is the result of many years of practical experience in sod cutting, and it is one of most wonderful labor saving devices every invented. In one day this machine can cut from 25,000 to 40,000 feet of sod. It is so constructed that it can cut the sod from 1 inch to 2 inches in thickness and 12 inches in width. The sod can be cut so that it can be rolled if desired. It can be drawn by a light gear shift machine, horse or tractor. Price \$95.00

CORN PLANTER RUNNERS

In ordering Planter Runners, always state, as near as possible, the year Planter was made; whether steel or wood frame; or, better still, a diagram showing position of hole and size of bend.

For Single-Row Planters

	Each
Deere—126-226-227	\$3.00
Hoosier or Cole	3.00
Black Hawk	3.00

For Double-Row Planters

	Pair
I. H. C.....	\$6.70
Black Hawk, No. 115, with Block.....	6.70
Deere, No. 9, no Block.....	6.30
Deere, No. 999, with Blocks.....	6.70
New Way, with Block.....	6.70
J. I. Case, No. P344, no Block.....	6.30
Superior, no Block.....	6.30

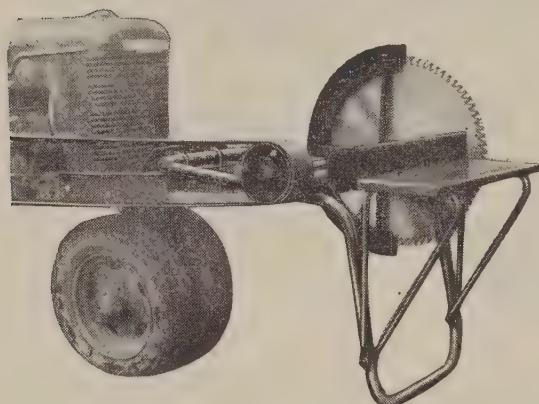
Harrow Shoes

Made of $\frac{3}{8}$ -inch stock complete with Bolts.

	To Fit
International, 2 section	\$5.15
3 section	7.60
Massey-Harris, No. 15. 2 section	5.25
No. 15. 3 section	7.30
Oliver, 2 section	6.10
3 section	8.80
Syracuse, 2 section	4.80
3 section	7.00
Osborne, 2 section	5.20
3 section	7.60

SAWS

THE "IRELAND 33" TRACTOR-MOUNTED TYPE



For Ease in Cutting Your Fuel Wood . . .

The heavy 2 in. Tubular Steel Frame is rugged. Electrically welded, one-piece rigid construction gives maximum strength without excessive weight. One man can mount rig to tractor and swing it up into traveling position.

The big Table is "balanced" for easy day-long operation. Swings true. Cuts long or short sticks square-ended for easy splitting. 33 inch table handles longer logs without effort of operator to hold them down.

Tractor Saw Frame only.....	\$46.40
19A—Farmall H and M Hitch.....	3.00
19B—Deere A, B and G Hitch.....	3.30
19C—Deere H Hitch.....	3.30
19D—Oliver 60 Hitch.....	6.30
19F—Oliver 70 Hitch.....	6.70
19E—Allis Chalmers Hitch.....	1.45
5 x 18' Belts, Oliver 70—Farmall H.....	9.70
5 x 18' 7" Belt, Deere A—G—H.....	10.05
5 x 18' 2" Belt, Deere B.....	9.80
5 x 17' 4" Belt, Farmall M.....	9.40
5 x 19' 3" Belt, Oliver 60.....	10.35
5 x 15' 4" Belt, Allis Chalmers.....	8.35

Blade Prices opposite on this page

ONE MAN CROSS CUT SAW



3 foot, \$3.25

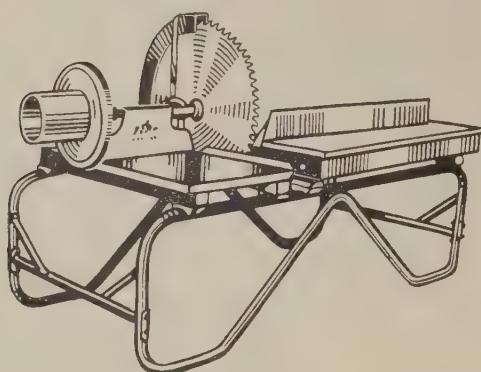
3 1/2 foot, \$3.75

4 foot, \$4.25

STEEL WEDGES—FOR SPLITTING WOOD

Weight 3 pounds	Prices \$.65 each
4 pounds .....	.75 each
5 pounds .....	.85 each
6 pounds .....	.95 each

THE "IRELAND 55" ROLL-TABLE TYPE

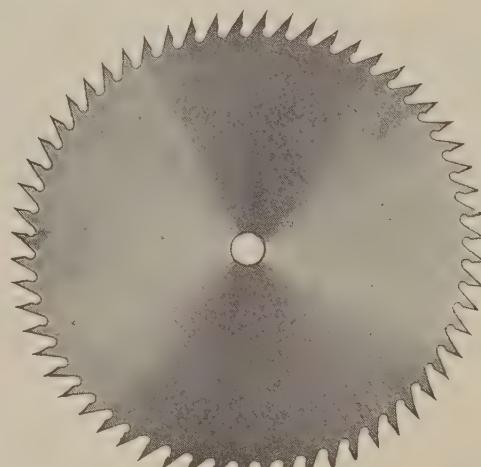


A real heavy-duty saw . . . built for YEARS of steady use . . . CHEAPER in the long run than lighter Saws. 2 in. heavy Tubular Steel Frame, electrically welded. The big 55 in. Roll-table. ONE MAN CAN BALANCE A 12 or 14 FOOT LOG. Large roller bearing Table Wheels . . . run true, keep alignment. Self-clearing Wheel Tracks. Large diameter ball-bearing log roll. 24 in. All-Steel Drop Table. Extra heavy Arbor Bearing Stands.

Table only	\$85.00
6 x 6 1/2 Crown Face Pulley	7.50
Fly Wheel—70 lbs	14.50

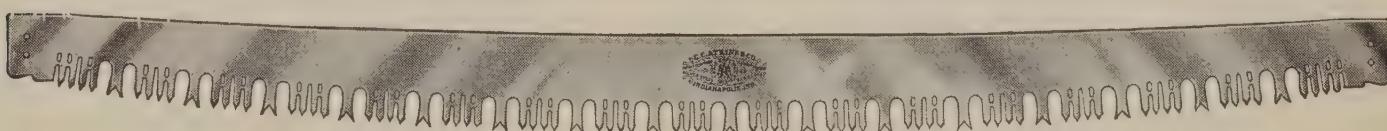
Blades—See price below

CIRCULAR SAWS



26-inch—1 3/8 hole	\$8.60
28-inch—1 3/8 hole	9.75
30-inch—1 3/8 hole	11.50
32-inch—1 3/8 hole	13.00

WIDE BLADE CROSS CUT SAWS

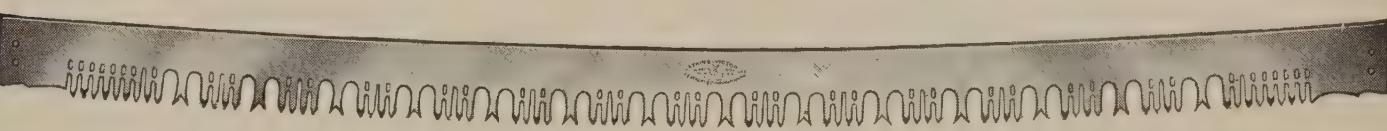


Wide Perforated Tooth

5-ft.	\$4.75	5-ft.	\$4.35
5 1/2-ft.	5.00	5 1/2-ft.	4.75
6-ft.	5.70	6-ft.	5.15

Wide Champion Tooth

NARROW BLADE CROSS CUT SAWS



Narrow Perforated

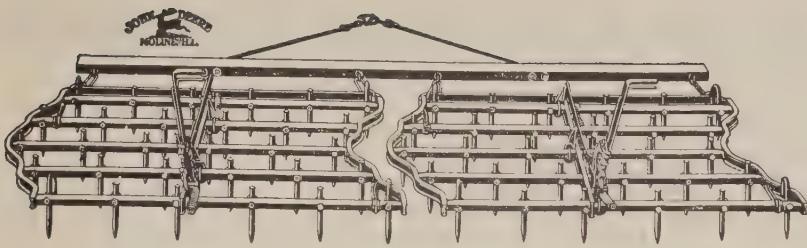
5-ft.	\$3.25	Price of Cross-Cut Saw is without Handle. Climax Handles, 85 cts. per pair.
5 1/2-ft.	3.50	
6-ft.	4.00	

Narrow Champion

5-ft.	\$2.75
5 1/2-ft.	3.00
6-ft.	3.35

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

GRIFFITH & TURNER, 124 N. Paia St.—Saratoga 2300-2301



SPIKE TOOTH HARROWS

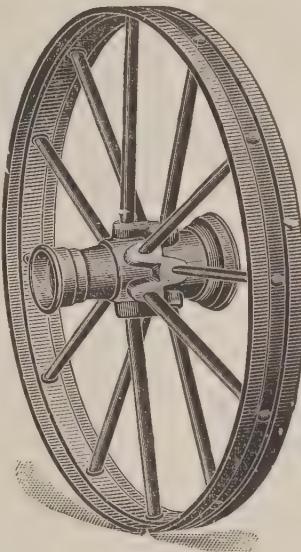
50-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut 7 ft. 3 in.	\$38.00
60-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut 8 ft. 9 in.	42.00
75-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut 10 ft. 11 in.	60.00
90-Tooth, $\frac{5}{8} \times \frac{7}{8}$, Spikes Harrow, cut 13 ft. 1 in.	65.00

METAL TRUCK WHEELS

We carry Wheels in stock sizes $3\frac{1}{4} \times 10$. All other sizes will have to be ordered from the factory, according to measurements sent, at special prices. If measured wrong, we will not take the Wheels back. Wood Wheels and other sizes, prices on application.

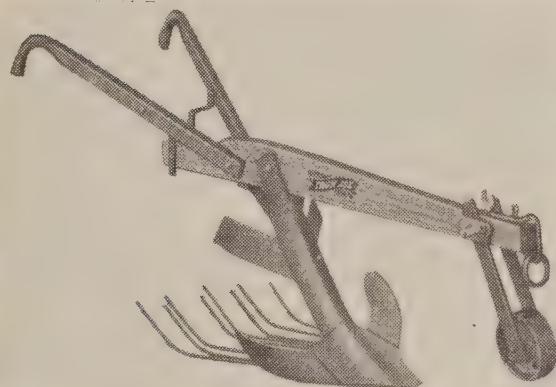
Prices Per Wheel with
 $4 \times \frac{3}{8}$ -in. Tires

28-in.	\$ 8.75
32-in.	10.00



Success Jr. Potato Digger

Price \$26.00



THORNHILL FARM TRUCK

A good truck; very strong; suitable for either farm or road work; 2-inch solid steel square axles; wood wheels, 40-inch rear and 36-inch front; $2 \times 8\frac{1}{2}$ -inch box and with $3 \times \frac{3}{8}$ -inch tires. It is made in both drop and slip tongue. Top or swing side and tail brakes furnished when ordered.

Equipped regularly with stationary stakes. Prices include single- and doubletrees, and chains for stiff tongue, and neck-yoke for drop-tongue Wagon.

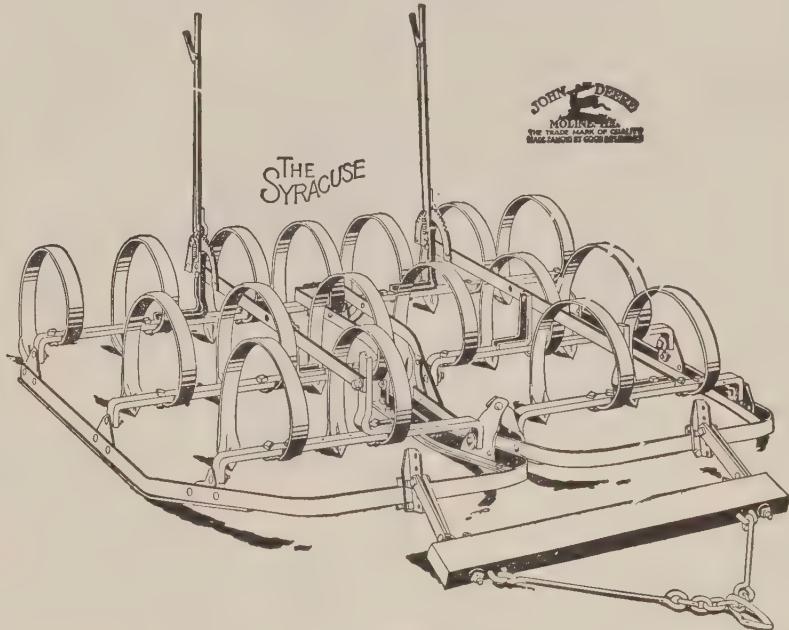
Be sure to state just what you want when ordering.

Farm Truck. With Slip Tongues... \$125.00
Farm Truck. With Drop Tongue... 125.00

For any of the following extras, add to the above Wagon prices.

10-foot Body, with 24-inch Sides, no Seat	\$35.00
Body Brake Attachments.....	3.75
$3 \times \frac{1}{2}$ -in. Tires	7.50
$4 \times \frac{3}{8}$ -in. Tires	10.75
Seat and Springs.....	8.00
Side Brake	12.00
Tail Brakes	17.00
Both Brakes, when ordered at same time	25.00

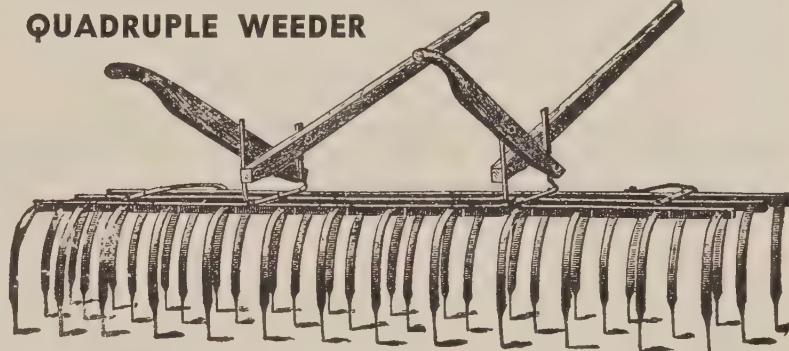
LEVER SPRING TOOTH HARROW



JOHN DEERE
Moline, Ill.
THE TRADE MARK OF QUALITY
MADE FAMOUS BY GOOD WORK

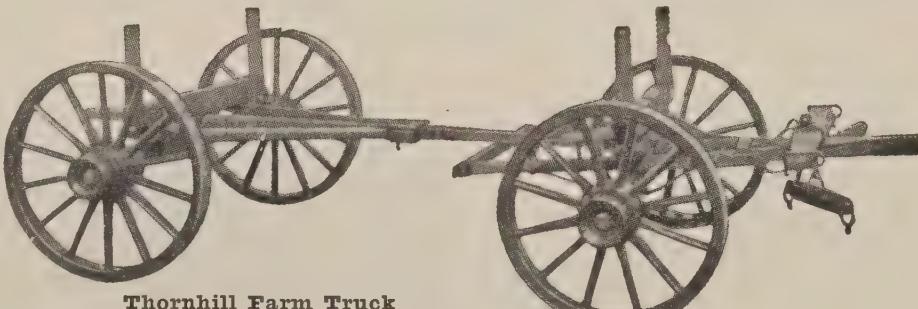
Prices:	
9-Tooth—3 ft., 1 section, no handles.....	\$ 30.00
17-Tooth—5 ft. 8 in., 2 section.....	50.00
25-Tooth—8 ft. 8 in., 3 section.....	72.00
33-Tooth—11 ft., 4 section.....	108.00

QUADRUPLE WEEDER



This tool has been adopted and passed upon favorably by many of the most practical farmers.

7 $\frac{1}{2}$ -foot wide—39 teeth.....	\$23.50
Extra Teeth	each .42



Thornhill Farm Truck

STANDARD GARDEN TRACTOR

When available

Write For Prices

Dapco PORTABLE AIR COMPRESSOR

Always Oil-Free Air!

The Perfect Answer to Your Compressed Air Needs!

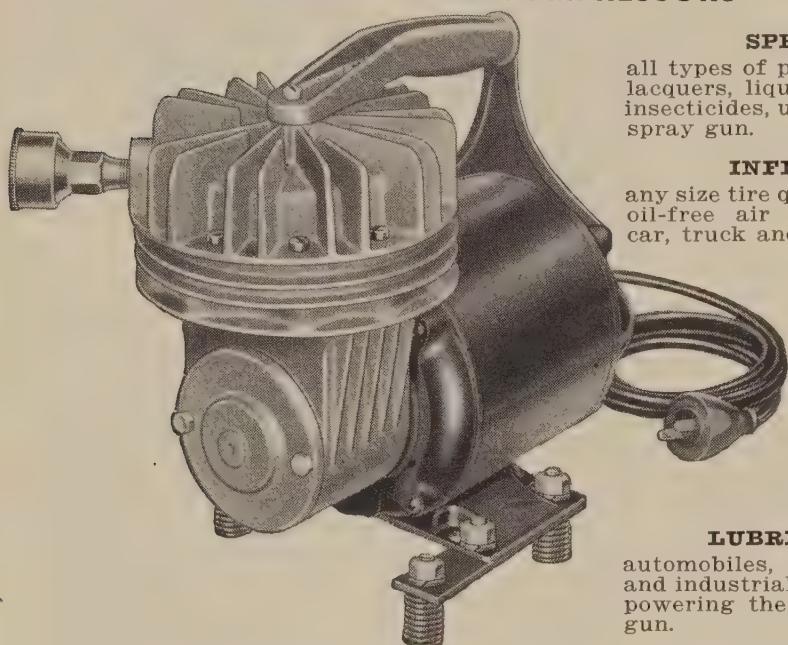
No Oil Filters or Collectors Needed!

Dapco compressors are a new and revolutionary piston-type compressor (NOT DIAPHRAGM). But this compressor has no piston rings or oil! Dapco compressors were developed for the Armed Forces and received citations from the Navy and the Marine Corps for the part which

they played in combat areas. They are not gadgets but are ruggedly built and precision machined.

This new piston-type compressor requires no oil... produces oil-free air at all times. Permanent, "built-in" lubrication is made possible by the grease-packed ball bearings—sealed for life.

ELECTRIC AIR COMPRESSORS



The perfect answer for spray painting, tire inflation, lubrication and air cleaning, wherever a standard 110 A.C., 60 cycle outlet is available.

Gives service in homes, on farms, in small machine shops, in repair garages and service stations.

No air tank is necessary.

Furnished with handy carrying handle, 8 feet of heavily insulated electrical cable with standard bayonet plug.

Complete unit with 110 A.C., 60 cycle, 1/3 horsepower electric motor, compressor, carrying handle, air filter and spring suspension base.

No. 110—10x8x13 in. overall; ship wt. each 47½ lbs. less hose....\$87.50 each

AIR COMPRESSORS

SPECIALLY DESIGNED FOR FARM TRACTORS

Just the compressor you need on the farm for spraying all kinds of paint, lacquer, whitewash, powder and liquid insecticides... and no air tank necessary! Inflates any size tire quickly. Also blows dust and dirt from machinery, cleans radiators and drills. A tailor-made air compressor to fit the following tractors:

Dapco No.	Tractor	Models	Net Wt.	Shipping Wt.
145	IHC-Farmall	H M F-12 F-14 F-20 F-30 15/30 A B H AR AO 101 Jr.	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	John Deere	70	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	Massey Harris	WC WF	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	Oliver	A B BN	20 lbs.-11 oz.	21 lbs.- 7 oz.
146	Allis Chalmers	AV	21 lbs.- 3 oz.	21 lbs.-15 oz.
147	IHC-Farmall	SC VAC	21 lbs.- 3 oz.	21 lbs.-15 oz.
148	IHC-Farmall	DC	22 lbs.- 7 oz.	23 lbs.- 7 oz.
149	Case	All Models	22 lbs.- 7 oz.	23 lbs.- 7 oz.
150	Case		24 lbs.-15 oz.	26 lbs.-11 oz.
151	Ford-Ferguson*			

ALL MODELS \$49.50

(*Model 151 (Ford-Ferguson) is also furnished with a quick-fit pulley and locking pin for the power take-off.)

Furnished Complete—Ready for Mounting... nothing additional to buy... each Dapco Tractor compressor unit contains the Dapco air compressor and air filter, tractor mounting bracket, B Section V-Belt, 25 feet air hose with fittings and detachable tire chuck and all the necessary bolts, nuts and washers.

The Most Efficient Air Compressor for its Size and Weight Ever Developed.



GASOLINE AIR COMPRESSOR



Operates from the surprisingly light aluminum 18 pound, 1 horsepower gasoline engine.

Engine may be removed from base to provide power for many other needs.

Compressor is mounted on a special steel spring-suspension base with carrying handles, belt driven by engine. Needs no air tank for spray painting.

Strong handles on each end makes the complete unit easy to carry anywhere.

Engine operates 3 hours on 3 pints of gasoline. Compressor needs no relief valve due to equalized internal and line pressure.

Will run continuously for hours, all day long.

No. 156—22 in. long; 11 in. wide; 13 in. high overall; wt. each 45 lbs., less hose, \$125.00.

No. 171—25 feet hose, fittings and chuck, \$6.95.

PAINT SPRAY GUN

Will efficiently spray all kinds of paint, lacquer, whitewash, moth-proofing materials, cleaning fluids, all kinds of insecticides, DDT powder and liquid solutions. Sturdy, well built of light weight aluminum, with easy-working trigger and comfortable hand grip.

No. 172—Paint Spray \$8.95



POWER GREASE GUN

No. 173—Grease Gun \$17.75

Pays for itself many times in savings of time, labor and money.

Powerful: 4,000 pounds working pressure. More than enough to lubricate any fitting that is not frozen—yet not so powerful as to damage special fittings. Air hose carries only the air line pressure, while the 4,000 pounds grease pressure is built up inside the gun itself. Holds 1½ pounds of lubricant.



Smalley HATCHET HAMMER MILL

CHOPPER GRINDER

"Successor to the Hammer Mill"

BLOWER RECUTTER

Grinds Faster than an Ordinary

Hammer Mill—Cuts Power in Half

Paying livestock and poultry are the best feed factories in the world. Market your crop on the hoof with the HATCHET Hammer Mill as your right-hand helper. The HATCHET Hammer Mill makes your feed go as much as 35 percent farther!

Coarse, stalky roughage discourages livestock's appetite. Up to 35 PERCENT is nosed out of the feed box, trampled into mud or manure. Unground grain goes through undigested, lost forever or left second-hand for hogs. Adjust the HATCHET Hammer Mill coarse or fine

to fit the feed, and the ration for which it is intended. From the finest mash to trench silage, HATCHET Hammer Mill-processed feed brings more dollars rolling in!

You will blink your eyes in wonder when you first see the PNEUMATIC FEED work. The Hatchet Mill is the only silo filler of its kind with Pneumatic Feed. As the bundle reaches the knives, it is drawn in automatically by suction. No rollers, no gears, no belts, no chains . . . no dangerous hand feeding. Relax . . . put your mind at ease with the Smalley!

SMALLEY HATCHET HAMMER MILLS

Size	Description	Price
No. 5	Hatchet Mill complete with cyclone, cyclone support, any (3) of the stock screens, 2-way bagger or wagon-loader with joint of pipe. Weight 280 lbs.	\$149.50
No. 30	Same as above. Weight 290 lbs.	156.50
No. 50	Same as above. Weight 520 lbs.	242.25

PULLEYS

4 in. to 6 in. diam. x 7 in. face for No. 5 and No. 30 Mill	\$9.50
4 in. to 7 in. diam. x 7 in. face for No. 50 Mill	9.75

F.O.B. Baltimore

Screens regularly shipped— $\frac{1}{4}$ in., $\frac{1}{2}$ in. and 1 in. Purchaser has choice of any (3) from these stocked sizes, $\frac{1}{8}$ in., $\frac{3}{16}$ in., $\frac{1}{4}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., 2 in., 6-bar, 5-bar.

Always give the r.p.m. and diameter of power pulley. We will ship proper pulley for approximately 2100 r.p.m. on No. 5 and No. 30 mills, and 1800 r.p.m. on No. 50 mill.

EXTRAS FOR HATCHET MILLS

	No. 5 and 30	No. 50
2 ft. section of blower pipe, 26 ga.	\$1.45	\$2.80
4 ft. section of blower pipe, 26 ga.	2.80	3.80
6 ft. section of blower pipe, 26 ga.	4.00	4.80
8 ft. section of blower pipe, 26 ga.	5.00	6.00
2-pc. deflector elbow, used for silo filling	17.40	4.25
"Square-to-Round" joint of pipe		
1-pc. deflector elbow, used for silo filling	14.75	...
2-way bagger attachment	10.50	11.00
Wagon loader spout	6.20	6.20
Pipe as shipped with wagon loader spout	1.60	3.25

Prices on pipe and extras for 50 Mill include the rings.

V-BELT DRIVES ON NO. 5 AND NO. 30 MILLS

Price includes sheave of mill and motor and SB42 belts
For 5 H.P. installation, two belt drive, 14 lbs. \$28.30
For 7½ H.P. installation, three belt drive, 20 lbs. 36.00

SMALLEY FORAGE AND GRAIN BLOWER

Wt. Price

Forage and Grain Blower with lower section of pipe	330	\$130.00
Select required equipment from the following and add to above weight and prices.		
Pulley c. i. 6 in. face x 10 in. diam.	17	8.80
6 in. face x 12 in. diam.	27	10.00
6 in. face x 14 in. diam.	30	10.65

F.O.B. Baltimore

Pipe: 6 in. diam., 22 ga. with extra heavy ring:		
Lower section	7	4.75
2 ft. section	6	3.40
4 ft. section	11	4.40
6 ft. section	16	5.40
8 ft. section	20	6.50
2½ slip joint extends to 4½ ft.	14	8.75
2-pc. deflector elbow for silo filling	35	17.40
"Square-to-Round" joint of pipe	5	4.25
90 deg. flexible elbow	9	10.75
90 deg. dry feed and grain elbow	8	9.25
Grain Feeder Control	15	5.25
Swivel Pipe Joint	3	4.30
Small Deflector Spout	2	4.20
6 in. pipe with shut-off	3	10.60
Dust Cyclone	25	29.50
45 deg. Elbow, riveted joints	8	8.30
Rain Cap on Dust Cyclone	3	4.40

Note: Closed section of deflector elbow and "square-to-round" joint can also be used as 90 degree dry feed and grain elbow.

Distributor pipe, 30 in. joints

Molasses Pump attachment, complete

2.85

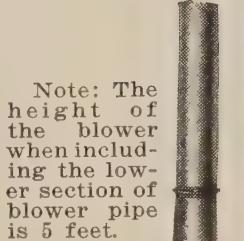
56.00

F.O.B. Factory

NEW CYCLONE ATTACHMENT

Traps Choking Dust—for Grain and Ground Feed

Breathe fresh, dust-free air when you equip your blower with this extra cyclone attachment. Works with any blower. Puts grain in the bin cleaner and brighter. Good fire insurance too—guards against dust explosions.



Note: The height of the blower when including the lower section of blower pipe is 5 feet.



Here's a faster, easier way to handle silage, grain, chopped hay, straw and fodder.

Smalley Auger Blower elevates feed and roughage 60 feet and higher. An ideal unit to use with any forage harvester. Makes silo filling a small-crew job.

An entirely new principle of blower design combines a six-blade ball-bearing mounted blower fan with positive feed auger. Special revolving tines are an exclusive anti-clog feature. So perfectly balanced—a six ounce pull turns the fan.

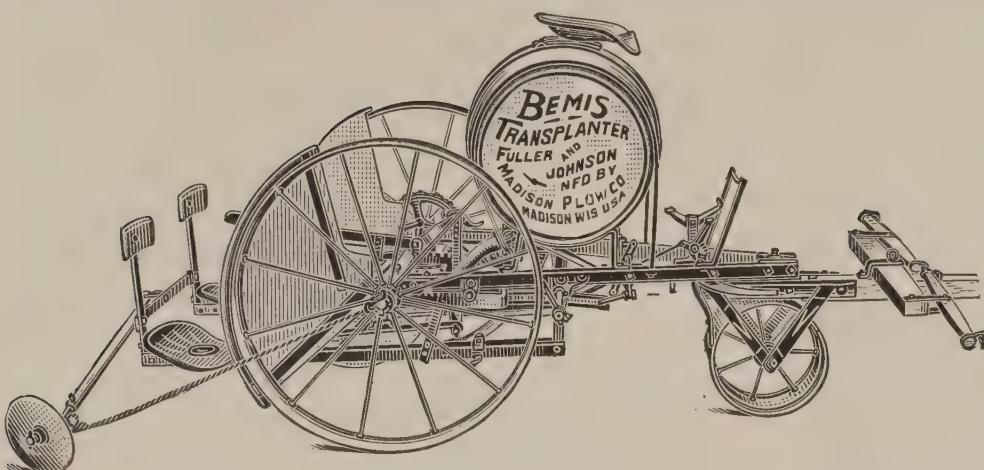
Wide 39 in. x 48 in. Hopper—Only 27 in. high; wagon slips over the top. (Blower also can be set in a trench and slanting wagon runway provided for easy unloading. Farmers are reporting success with high sideboard box wagons, side door wagons and automatic unloaders.)

Case and Frame All Steel Arc-Welded—Two men can pick up complete machine!

Fafnir Wide Inner Race, Self-Aligning Ball Bearing Equipped.

Power Requirement—From 3 h.p. for grain to 15 h.p. for forage—depending on material, height and distance.

BEMIS TRANSPLANTER



Horse or Tractor Drawn

This machine has revolutionized tobacco setting, as there are now practically no large tobacco growers in the United States who set their plants by hand. It is also

extensively used by market gardeners, nurserymen, etc. The supply of water can be regulated as conditions require.

Prices:

With one Wheel Foretruck and Steel Barrel.	
No. 1 Press Plates, runner.....	\$160.00
No. 2 Press Wheel, runner.....	160.00
Fertilizer Attachment O. S.....	31.00
Fertilizer Attachment N. S.....	42.00
2-Wheel Front Truck.....	20.00
1-Wheel Front Truck.....	16.75
2-Wheel Front Truck instead regular	3.50
Press-Wheel Attachment as extra	12.50
Check Row Attachment.....	40.00
Steel Stub Pole for Tractor Hitch	5.75

Also complete line of repairs.
Write for Prices

PLANT SETTERS

Will Help You Grow Bigger—
Better Crops

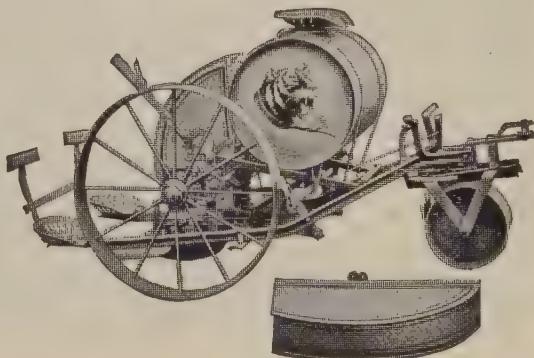
For setting Tobacco, Cabbage, Sweet Potatoes, Cauliflower, Peppers, Egg Plants, Etc.

These planters have an automatic trigger which opens the water valve automatically as the lever is pulled. The valve remains open long enough to release the proper amount of water. Brass bearings on all moving parts prevent rust and give longer life.

Masters, Price Each.....\$5.75
Owen, Price Each.....\$5.75



THE IMPROVED TIGER TRANSPLANTER

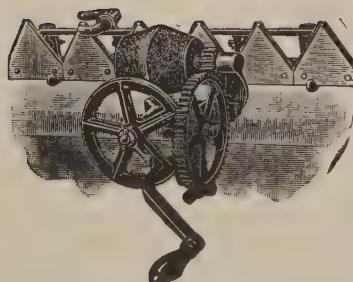


The Tiger Transplanter is adaptable to all conditions of planting and spacing; adjustable to all conditions of soil and ground—on hillside or level, will space plants from 14 to 64 inches apart, and operates as readily with either horse or tractor power.

Driver and two planters can set five acres a day without undue strain or hurry. Here is a definite, money-saving implement that will handsomely repay every owner.

Almost human in its operation here is one of the greatest boons to transplanting ever developed. Eliminates packing around the plant; eliminates pouring water on the surface to bake and crack the earth around the plant.

Price	\$160.00
Additional for Double Wheel Fore Truck for Planting Sweet Potatoes.....	22.00
Fertilizer Attachment	30.00



SICKLE AND TOOL-GRINDER

A simple, compact, and serviceable hand-power Sickle and Tool-Grinder. Can be clamped either to a mower wheel or to a bench. The tool is 4½x1¼ inches.

With Bevel Tool Wheel.....\$8.00
Bevel Wheel as an extra.....2.00



GRINDSTONES

No. 120. Steel Frame, anti-friction ball bearings. Steel axle. Bushings hold stone securely to axle. Good grade Ohio stone. 20 inches in diameter. Thickness 1¾ to 2 inches. Price \$12.00.

No. S155. Samson Wood Frame. Equipped with treadle and crank for hand or foot power. Dimensions of stone 23 to 24 inches x 2 to 2½ inches. Weight 70 to 80 lbs. Price \$14.00

Onion—Table Model.....\$5.00
Loose Grindstones.....7c lb.

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

THE MYERS O. K. HAY UNLOADER, TRACK, FORKS, AND FIXTURES

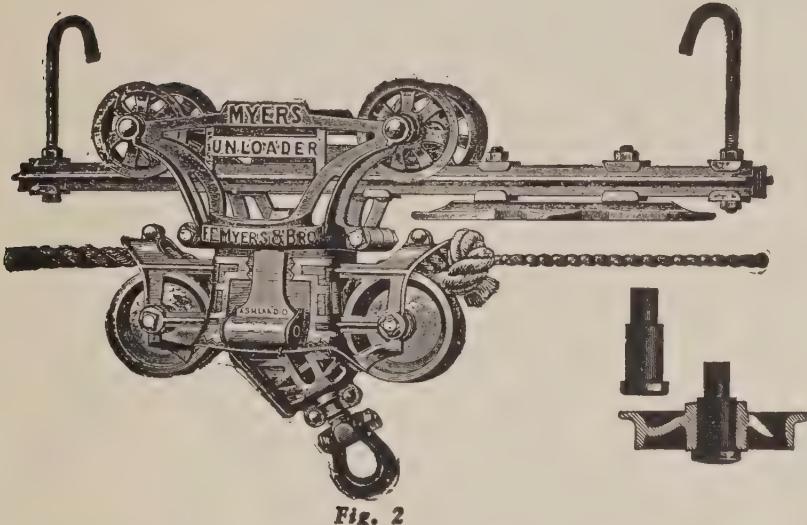


Fig. 2

Patent Double-Lock Hay Unloaders, Patent Steel Tracks, Slings, Forks, Pulleys, Etc.

We give the above view of Myers Hay Unloader to be used on Myers Double-Angle Steel Track. This is the latest and best hay carrier, and it embodies all the features of the Straight Reversible and Swivel Reversible Carrier and has many advantages over any other machine on the market. It is fitted with the Myers reliable double



Fig. 5

REGULAR DOUBLE-HARPOON FORK

The best known Fork.

No. 268—25 in. Tines.....\$5.40
No. 1314 Heavy—31 in. Tines... 7.00

670 LOCK-LEVER FORK

Has 50 per cent more capacity than the regular Double Harpoon Fork on account of the cross-bar being nearer the top. Operated with one lever. Price, \$13.00.



MYERS ADJUSTABLE COMPRESSION GRAPPLE FORK

Made of High Carbon, Heat Treated and Oil Tempered Heavy Spring Steel. Closes and locks itself before returning to the load. Has 26-inch tines. These forks are unlike any other inasmuch as they are not only balanced at all points, but in addition the natural pull on the trip rope closes the fork and locks it securely, thus returning it to the load all ready to enter the hay without any attention whatever from the operator as to setting the lock, etc. It is double braced throughout, making it very rigid and strong.

Prices:

No. 1B—Four Tine—Opens 77 inches—26 in. Tines.....	\$17.25
No. 2B—Four Tine—Opens 93 inches—32 in. Tines.....	18.35

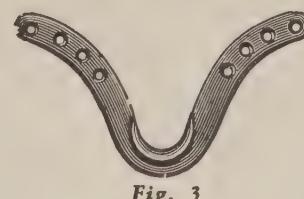


Fig. 3



Fig. 8



Fig. 4



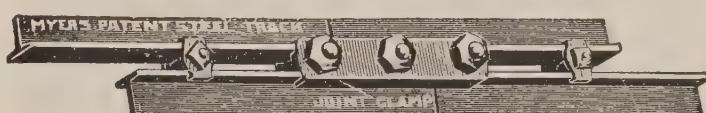
lock, which engages the fork pulley on each side, thus insuring a perfect locking device. The construction insures a satisfactory working carrier under all conditions. The track wheels have turned steel axles, and weight is carried in center of wheel; the rope sheaves are fitted with wide hub and have longer bearings than any other make of carrier. For strength, simplicity, neatness of design and up-to-date features it is without a peer. Price, No. 201—\$20.50. No. 208—\$26.00.

PULLEYS, HOOKS, ETC.

Rafter Brackets (Fig. 3), each.....	\$0.09
Steel Hooks (Fig. 4), each.....	.27½
Floor Hook, $\frac{3}{4}$ -inch, each.....	.30
Swivel Rope Hitch.....	1.00
Plain Maple Sheave Pulleys, each.....	1.45
Knot-Passing Maple Sheave Pulleys (Fig. 8), each.....	1.65
Wood Pulley with Hook, each.....	1.75
Wood Pulley with Eye, each.....	1.75
Fork Pulley for 201 Carrier, each.....	2.05
Fork Pulley for 208 Carrier, each.....	3.50

Manila Rope, either $\frac{3}{4}$ or $\frac{5}{8}$ -inch diameter, at market prices; about 5 feet to the pound.

MYERS PATENT STEEL TRACK



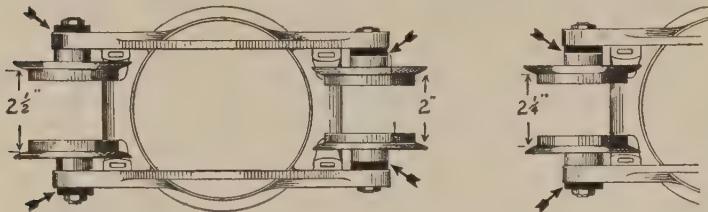
The style of this Track is here illustrated. It is made of two T carbon rails, very hard and stiff. Note the manner of clamping it together so that the two joints do not come opposite each other. A wrench only is needed to put this Track together.

Track, per ft.....\$0.37

LOUDEN "WORLD FAMOUS" BARN EQUIPMENT

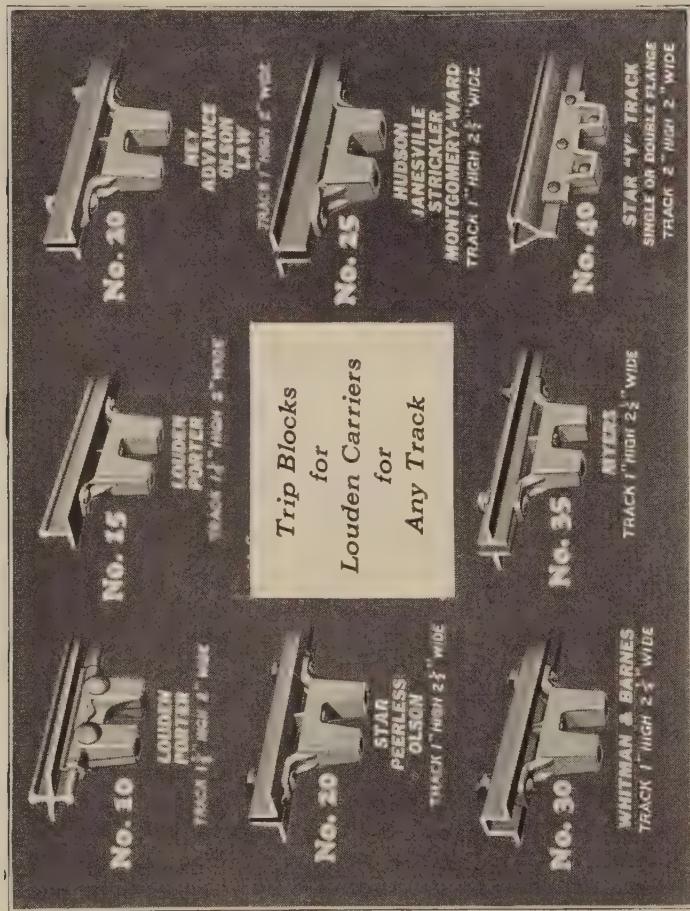
Louden Carriers Fit All Tracks

Carriers are shipped to operate on track 2 in. wide, are quickly adjusted to any steel track. Remove nuts and place spacers as shown below to fit 2½ in. and 2½ in. track. Tighten nuts and burr threads before using carrier.



TRIP BLOCKS—If carrier is to operate on other than Louden Double-Bead No. 571 Track, specify proper trip block shown below. Unless otherwise specified No. 10 Trip Block furnished.

Trip Blocks, each.....\$1.10



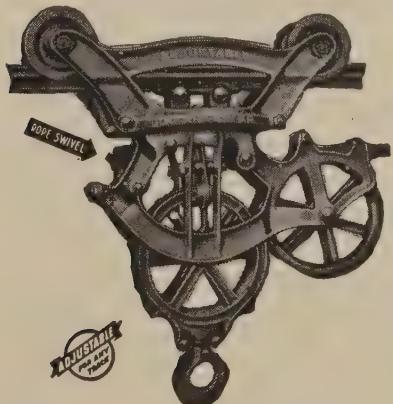
Louden Senior Fork Carrier No. 1100

Here is a real Haycar—the Louden Senior—recommended for use with Louden Iron Claw Fork. A reversible car that can be turned around without removing from track. Rugged, certified malleable iron frame. Large 7 in. roller bearing gray iron rope wheels greatly prolong life

of rope and permit the heaviest loads to be hoisted with ease. Track wheels, 3 in. diameter; axles, 15 in. apart on center—the long wheelbase evenly distributes the weight on track making it easy to return carrier. Swivel prevents rope from kinking and twisting. Carries hay fork within 20 in. of track. $\frac{3}{4}$ in. or 13/16 in. manila draft rope recommended. One fork pulley, 1 trip block, 2 end stops and 1 built-in rope swivel furnished with carrier.

No. 1100—Senior Fork Carrier, each ...\$24.00

No. 430—Junior Fork Carrier.....\$19.00



Louden "Iron Claw" Hay Fork

"The best hay tool on the market," is what they say about the Louden "Iron Claw." It has everything a perfect hay unloading device should. Triple-acting hinges connecting each pair of tines positively eliminate tangling so often encountered in other loose tine forks. The triple-acting hinges make it possible to use only one electrically-welded chain for each pair of tines thus each pair act as one unit and it is impossible to set the tines wrong.

Fork sets easily and takes up giant loads. The positive locking head holds the load securely but a slight tug on the trip rope immediately releases the hay—it falls loose and is quickly mowed—no rolls to break with the "Iron Claw." Handles baled hay just as efficiently. The Louden Senior "Iron Claw" can take up as many as 10 bales at a trip—it will last a lifetime.

No. 3039—"Iron Claw" Fork (Standard) Tines 26 in. Spread 6 ft. 4 in.; weight 47 lbs., each.....\$18.65

No. 3041—"Iron Claw" Fork (Giant Size) Tines 32 in. Spread 7 ft. 5 in.; weight 53 lbs., each..... 19.40



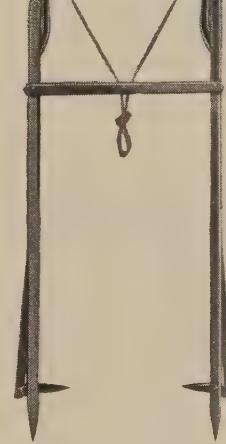
Harris Double Harpoon Forks

A reliable fork at real low cost—best materials and workmanship throughout — three sizes — (width measurements between tines).

No. 353—15 1/2 in. wide, goes into hay 26 in. Wt. 20 1/2 lbs., each \$5.10

No. 674—15 1/2 in. wide, goes into hay 32 in. Wt. 24 lbs., each... 5.40

No. 676—24 in. wide, goes into hay 34 in. Wt. 34 3/4 lbs., each. 9.70

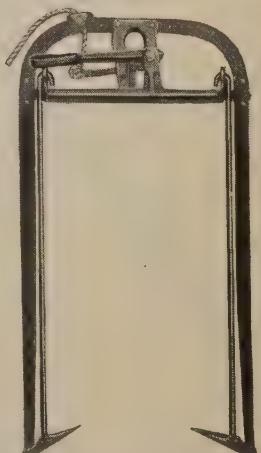


Double Harpoon

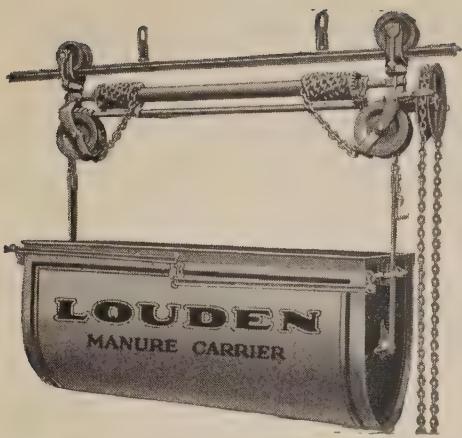
Rocker Bar Fork No. 1137

The fork that takes up larger loads than other double tine type forks. Tines reach down to very bottom of the rack for load instead of a few inches above as in the case with the Harpoon. Won't drop the load because the points are locked up securely with a lever until tripped. Goes into hay 31 in. Used with any carrier. High carbon fork steel—15 1/2 in. wide inside; weight 32 lbs.

No. 1137—Rocker Bar Fork, each\$11.15



No. 1137



Louden 'Emancipator' Litter Carrier

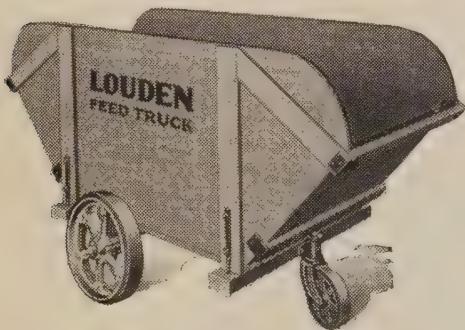
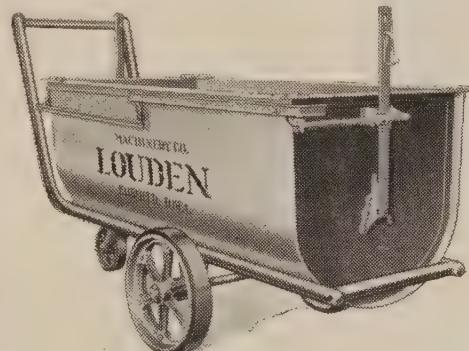
This big, powerful Litter Carrier is one of the most important pieces of equipment for the farm, 12 bushel capacity that is easily lifted by the 40-to-1 ratio worm gear, straight line chain draft and double hoisting shaft. Roller bearing 5-in. twin wheel trolleys glide along track. Tub—48 in. sheet steel ends and 20-gauge sides and bottoms. All joints soldered water tight. Long lasting aluminized finish.

No. 828—"Emancipator" Litter Carrier, each.....\$80.25
No. 828—Tub only, each 32.00

"Util-I-Truck"

Durable, all-steel truck for conveying litter carrier tub to outside track. With wood platform can also be used for general conveying. Size, 68 in. x 29 $\frac{3}{4}$ in.—bed inside 49 $\frac{3}{4}$ in. x 16 $\frac{3}{4}$ in. Rubber tired, roller bearing wheels—aluminum finish—turns 3 ft. 6 in. corner.

No. 3137—Util-I-Truck with rubber tires. Weight, 203 lbs., each.....\$64.20
No. 3137—Util-I-Truck with all-steel wheels, each.. 36.10



"Silent-Glide" Feed Truck

No. 3082

Holds 20 bushels and it's easy to push—tilts on end for cleaning—floor and sideboards of No. 1 vertical grained fir—sideboard cleats and bottom cross sills, hard maple or oak—reinforced edges and corner braces, and corner braces.

wheels, 12 in. diameter, roller bearings, rubber tires, de-mountable rims—6 $\frac{1}{4}$ in. swivel caster wheel, same construction. Finish, silver gray. Box lengths, 73 $\frac{1}{2}$ in., width 26 in., over all 3 ft., depth 28 in.

No. 3082—Feed Truck, cap. 20 bushels, each.....\$95.00
No. 3083—Same as 3082 except all-steel wheels, each 66.85



"Indestructo" Milk Stool

An all-steel sturdy riveted stool that is really comfortable. Finish, silver gray enamel—height 12 in.—concave seat 10 $\frac{1}{4}$ in. diameter.
No. 1437—Milk Stool, each \$1.35.



Louden Scraper

Blade is heavy 13-gauge high-carbon steel firmly attached to a 5 ft. well-balanced hardwood handle—handle socket braced. Steel blade is reversible.

No. 3063—Scraper 24 in. wide, each \$2.45
No. 3063—Scraper 15 in. wide, each \$2.35

"Save-A-Life" Bull Staff

No. 1436—Strong 5 ft. steel shaft with certified malleable castings. Trigger in handle operates pincers, or staff may be operated at pincers' end. Positive lock holds firmly until released—silver gray finish, each.....\$5.35

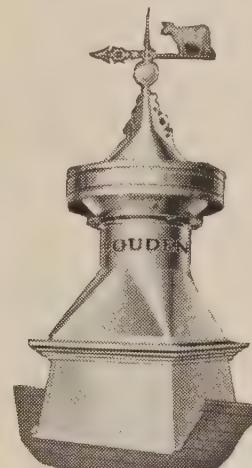


Louden 'Master-Made' Steel Windows

No. 3138

The famous Louden Steel Window with the "Wavy Wings"—eight different ventilating positions—easy one-hand operation—water-tight and air-proof fit—rattle-proof construction—for masonry or wood buildings at no extra cost—frame of rolled steel sections $\frac{1}{8}$ in. thick, size 3 ft. 8 $\frac{3}{4}$ in. wide x 2 ft. 11 $\frac{5}{16}$ in. high. Wings, heavy 16-gauge galvanized finish; Bonderized undercoating, gray baked on finish—wings, aluminized. Glass not furnished; size required—4 panes 13 $\frac{1}{2}$ x 16 in.; 2 panes 12 $\frac{3}{4}$ x 16 in.

No. 3138—"Master-Made" Window, each \$13.65



No. 1396



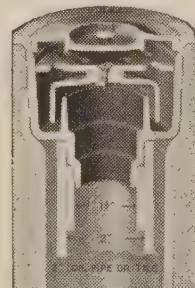
Louden 'Majestic' Ventilator

Louden Majestic Ventilators add the final touch of beauty to a fine barn—more important they remove excess moisture and provide ventilation for the mow, mighty important when the hay is stored in a damp condition.

Equipped with lightning rod and vane—made of heavy galvanized sheet metal—finished in bright aluminum—will give a life-time of service.

Size is determined by smallest diameter of flue

Size	No. 1396 Wt. Crated	Price Each No. 1396	No. 1399 Wt. Crated	No. 1399 Wt. Crated
20 in.	185 Lbs.	\$59.80	\$43.85	165 Lbs.
27 in.	260 Lbs.	76.40	61.50	200 Lbs.



Manger Drain

Manger Drain—cast iron construction with non-corroding water-tite brass lid—4 $\frac{1}{2}$ in. wide at top—4 $\frac{3}{4}$ in. deep—fits into 1 $\frac{1}{2}$ in. or 2 in. gas pipe or 3 in. soil pipe or tile. Complete with bell-trap and strainer.

No. 1272—Manger Drain, Weight 5 $\frac{1}{4}$ lbs., each.....\$3.55



Gutter Drain

Gutter Drain—approved, one-piece type—9 in. wide at top—9 $\frac{1}{4}$ in. deep—outlet fits 4 in. cast iron pipe or tile. Countersunk strainer cover, handy brass clean-out plug; water seal prevents back-up of gases and odors.

No. 3015 — Gutter Drain, weight 31 lbs., each \$9.40



No. 571

**Louden
"Double-Life"
Steel Track
No. 571**

The strongest hay track on the market; made from railroad rail steel—average 50% heavier than other hay tracks—one piece—it can't come loose or spread. Each section notched permitting rigid splicing. Comes in 6, 8, 10, 12, 14 and 16-foot length. Weight per foot, $2\frac{1}{4}$ lbs. Necessary No. 550 splices included.
No. 571—Track, per 100 ft.....\$35.00

**Splice Clamp
For No. 571
Track**



Two outside bolts extend through notches in bead of track to prevent slipping. Place on track, tighten nuts, strike head, then retighten and burr threads. Place on under side of track.
No. 550—Track Splice, each.....\$0.53

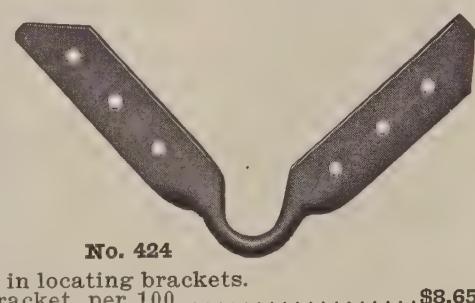


No. 523

End Stop No. 523

To prevent Haycar from running off of the open ends of track. U-bolt made of heavy $\frac{1}{2}$ in. steel rod—block seasoned, kiln dried wood, treated in oil—will not break wheels slammed against it.
No. 523—End Stop, each.....\$0.50

**Rafter Bracket
No. 424**



No. 424

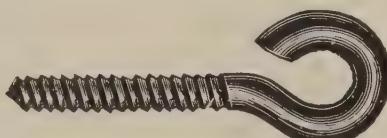
Used to support track hanger at point where rafters meet or on collar beams. Use one for every rafter. Made of heavy pressed steel. Barbed tips on bracket ends assist in locating brackets.
No. 424—Rafter Bracket, per 100.....\$8.65



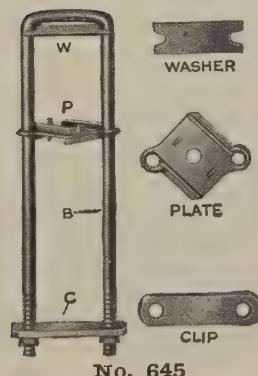
Track Hanger No. 498

Easy and simple to install. Loosen bolt and slip hanger over upper head of track, then tighten when in proper place. Made of certified malleable iron. One No. 498 Hanger used every 24 in. 4 in. high.
No. 498—Track Hanger, per 100.....\$30.25

**Floor and Rafter
Pulley Hooks**



Wrought iron. Coarse, sharp thread.
No. 389—Floor Pulley Hook $\frac{3}{4}$ in. x 7 in., each.....\$0.29



**Hay Rack Clamps
(Wenselman Pattern)**

U-shaped bolts $\frac{3}{8}$ in. diameter. Intermediate plate certified malleable iron. Top washer and clip of steel. Set consists of 8 each top washers, intermediate plates, lower clip plates and U-bolts.
No. 645—Clamp Set, 12 in. bolts. Weight $11\frac{1}{2}$ lbs....
No. 645—Clamp Set, 14 in. bolts. Weight 12 lbs....
No. 645—Clamp Set, 16 in. bolts. Weight $12\frac{1}{4}$ lbs....
No. 645—Clamp Set, 18 in. bolts. Weight $13\frac{1}{2}$ lbs....



No. 467

**Malleable Frame Knot Passing
No. 467**

For heavy, rugged work—knot passing—swivel eye—frame safe certifide malleable iron that won't break—steel bushing—best quality 6 in. oil treated, hard maple sheave, No. 467—Pulley, each\$1.80



No. 1538

Cast Frame Knot Passing No. 1538

A fine pulley at a low price. Knot passing cast-iron frame—6 in. oil treated, hard maple sheave, self-oiling bearing, tubular malleable swivel eye.
No. 1538—Pulley, each.....\$1.60



No. 3144

Steel Frame Cable Pulley No. 3144

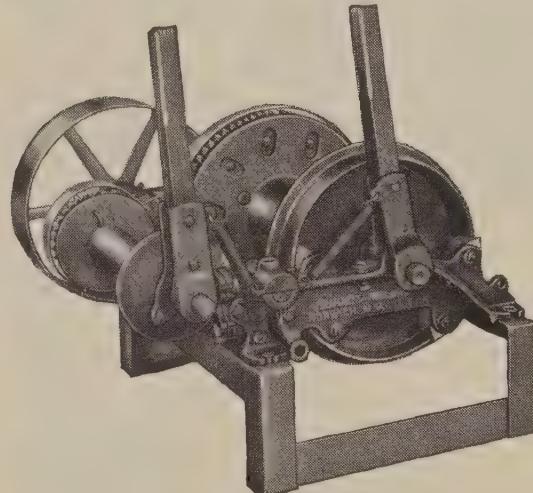
Extra heavy steel frame with exclusive reinforced bearing for steel swivel hook, 7 in. grooved gray iron sheave—14 best quality roller bearings revolving on axle that is supported in recesses on pulley sides, carrying all weight. For $\frac{3}{8}$ in. or $\frac{1}{2}$ in. steel cable.
No. 3144—Steel Pulley, each.....\$3.00



Pulley Sheaves

5 in.— $\frac{7}{8}$ in. hole, each.....	\$0.58
6 in.— $\frac{1}{2}$ in., $\frac{7}{8}$ in., 1- $\frac{1}{16}$ in. holes, each	.64
7 in.— $\frac{7}{8}$ in. hole, each.....	.92
8 in.— $1\frac{1}{8}$ in. hole, each.....	1.20
10 in.— $1\frac{15}{16}$ in. hole, each.....	1.93

"IRELAND" HOISTS



Main Drum
6" Diameter
15" Long
17" Flange

Return Drum
3" Diameter
14 $\frac{3}{4}$ " Long

The "Ireland" Farm Hoist is a sturdy power hoist. The drum motion is controlled by a hand lever operating a cone-clutch. Forward movement of the lever starts the drum turning and it stops as the lever is released.

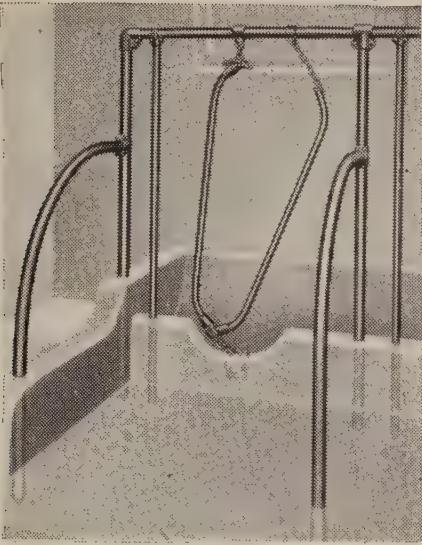
Farmers, Fruit and Produce Growers, Poultrymen, Handlers of Feed and Fish find this hoist pays for itself quickly saving time, labor and perishable produce by quicker unloading.

Owners throughout the country use the Ireland Farm Hoist for unloading hay, mowing away field-baled hay, operating elevators to store apples, potatoes, bagged grain and other produce, filling ice-houses, pulling stumps, removing large stones, skinning hogs and cattle, stretching wire and fence, building silos and other heavy farm construction, operating manure cars, snaking logs to the road before buzzing up and removing hay from the mow.

J-206-AR, Hoist with Automatic Brake and Return Drum. Has extra drum for rope to pull back carrier in long barns. Weight 325 lbs.

Anti-Back-Lash. This can be added only to the Automatic Brake Hoist when rapid work might result in backlash. It automatically prevents the main drum from turning faster than the rope unwinds.

No. J-206-AR—with Anti-Back-Lash \$106.60
20 x 5 $\frac{1}{2}$ Pulley 14.40



**Louden
Side Post Stall
No. 959**

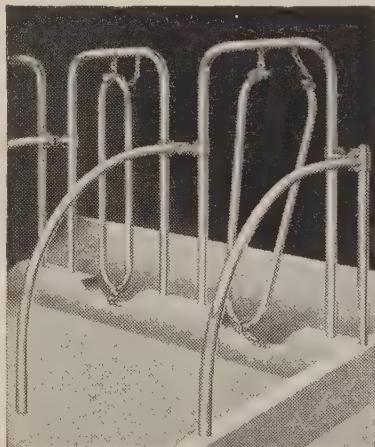
This stall has every desirable feature. It is a favorite with dairymen everywhere. Side-Post not only directs cow into stanchion but greatly strengthens entire stall. The Louden Side-Post will hold them all from the smallest Jersey to the largest Holstein. Main uprights, top rail and partitions $1\frac{1}{8}$ in. O.D., side post $1\frac{5}{16}$ in. O.D., width variable, 3 ft. 6 in. standard. Stall includes: 1 main upright; 1 side post; 1 partition; 1 top rail; 2 dust-proof couplings; 1 grip clamp; 1 each stanchion holder and

anchor; 1 steel clip for stanchion chain.
No. 959—Side-Post Stall, weight 63 lbs., each.....\$12.20
Extra end section, weight 29 lbs., each..... 7.10

**Louden
Tubular Arch Stall
No. 3018**

A stall combining strength, serviceability, sanitation and simplicity with a smooth, graceful appearance. The famous cross-braced principle, invented and pioneered by Louden gives the stall the utmost in strength and years of service. Tubing and partitions $1\frac{1}{8}$ in. O.D.; arch width 2 ft. 6 in. O.C.; stall width variable, 3 ft. 6 in., standard maximum 3 ft. 10 in. Stall includes: 1 arch; 1 partition; 1 cross brace; 3 couplings; 1 each stanchion holder and anchor; 1 steel clip for stanchion chain.

No. 3018—Arch Stall, weight 45 lbs., each.....\$13.05
Extra end section for 3018 Stall, weight 22 lbs., each. 7.10



**Louden Stanchions
“Dairyland” No. 3091**

For Steel or Wood Stalls

A medium priced stanchion. 3 adjustment widths, double cow-proof latch, fork guide, top and bottom chains, rugged reinforced hinge, wood lining, kiln-dried hard maple finish (except lining) baked on silver gray enamel.

No. 3091—“Dairyland” (with wood lining)—3 adjustment widths $5\frac{3}{4}$ in., $6\frac{1}{4}$ in. and $7\frac{3}{4}$ in.). Weight 19 lbs., each.....\$4.95

No. 3090—“Dairyland” unlined—(3 adjustment widths $6\frac{3}{4}$ in., $7\frac{3}{4}$ in. and $8\frac{3}{4}$ in.). Weight 17 lbs., each\$4.30

**“Master-Made”
No. 861**

For Steel or Wood Stalls

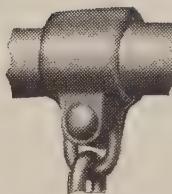
More Louden No. 861 stanchions in use than any other. High carbon, open hearth tubular steel construction gives it the utmost in simplicity, strength and sanitation. Tubing (cow $1\frac{5}{16}$ in. O.D., bull $1\frac{1}{8}$ in. O.D.), certified malleable iron, cow-proof latch, strong bottom hinge, chain guide permits the stanchion to automatically fall in line, finish—gray enamel. 5 sizes: for cows $5\frac{1}{2}$ in., 7 in. and 8 in.; for bulls 9 in. and 11 in.

No. 861—Cow Stanchions (7 in. cow size supplied unless otherwise specified) specify diameter of top rail, each.....\$5.60

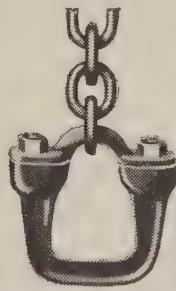
No. 861—Bull Stanchion (specify 9 in. or 11 in.; also size of top rail), each.....\$8.65



Stall and Stanchion Fittings



No. 1314—Upper Stanchion Holder. Fits $1\frac{5}{8}$ in. and $1\frac{1}{8}$ in. O.D. tubing, each\$0.47

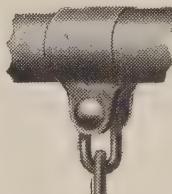


No. 3011—Lower Stanchion Anchor with removable bolts, each\$0.47



**Clevis
No. 3047**

No. 3047—Clevis for attaching stanchion to wood, top or bottom. Washers and lag screws included, each ..\$0.21



No. 1519—Hold Open Chain Clip. 3 sizes for $1\frac{5}{16}$ in., $1\frac{1}{8}$ in. and $1\frac{3}{8}$ in. O.D. tubing, each

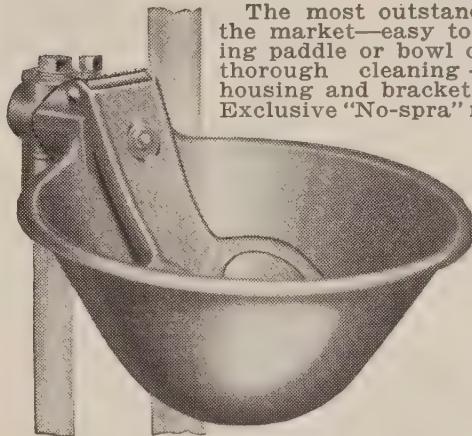


No. 727—Hook Bolt. To hang stanchion from wood, each \$0.14.



No. N-16—Partition anchor for wood floor. Two sizes, for $1\frac{1}{8}$ in. and $1\frac{3}{8}$ in. O.D. tubing, each

Louden "Master-Made" Water Bowl No. 1523



The most outstanding water bowl on the market—easy to keep clean by lifting paddle or bowl quickly removed for thorough cleaning—octagonal valve housing and bracket holds bowl rigidly. Exclusive “No-spra” nose plate keeps floor dry—takes water from above or below—all working parts brass—bowl, gray iron—diameter at top 11 in., depth $4\frac{1}{4}$ in.—complete bowl—valve, plugs, paddle, bowl, clamp. Specify whether bowls are to be attached to steel tubing or wood.

No. 1523—Water Bowl, each....\$4.95



Economy Water Bowl No. 1439

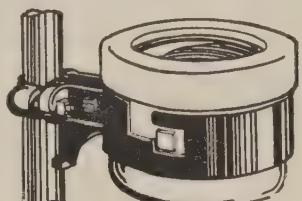
A bowl featuring quality at low cost—non-corroding valve prevents overflowing—easy to clean, simply loosen nut on top and slip the bowl off or lift paddle and scoop out with hand. Bowl 10 in. in diameter, 4 in. deep. “Rigid-Hold” clamp keeps bowl in place and takes strain off of waterline. Complete bowl—valve, paddle, bowl, clamp, bolts. Specify whether bowls are to attach to steel tubing or wood.

No. 1439—Economy Bowl, each\$3.95

Salt Cup No. 3068

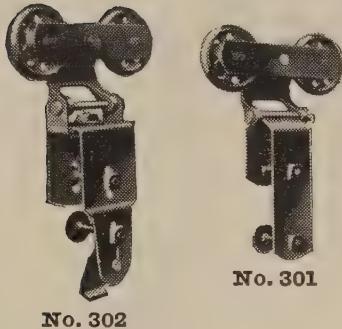
Made of heavy glazed stone-ware, this cup is absolutely non-corroding—overhang on rim prevents the wasting of salt. Diameter 8 in., opening size 5 in.—locks into steel band—rigid malleable clamp—attaches to tubing or wood—specify which.

No. 3068—Salt Cup, each.....\$4.50

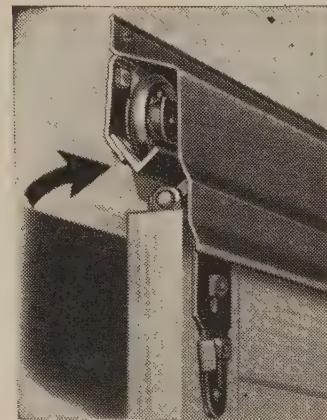


LOUDEN SLIDING DOOR TRACK AND HANGERS

"Bonded V Rail"
No. 300



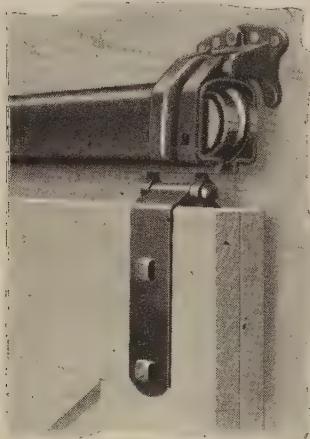
No. 302



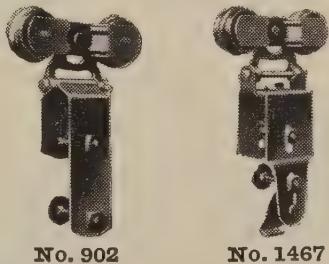
No. 301

V-rail steel with two-way supporting bracket riveted to track every 12 in.— $\frac{1}{8}$ in. thick track guaranteed for the life of the purchaser. Track comes in 6 ft. and 10 ft. lengths—cover, 22-gauge steel. Two styles of trolleys, adjustable and plain.

No. 300—"Bonded V-Rail" Sliding Door Track, per 100 ft. \$42.80
No. 301—Non-adjustable Trolley or Hanger, per set 2.95
No. 302—Adjustable Trolley or Hanger, per set.... 3.40



"Bird-Proof" Track No. 911



No. 902

No. 1467

For heavy or light doors or for double doors, sliding past each other—flexibility hung track and hangers—

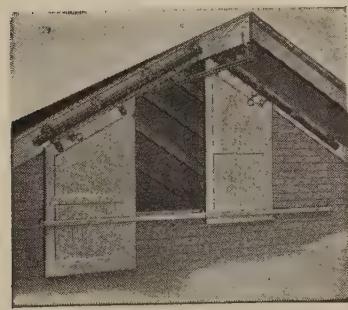
14-gauge special steel track, $\frac{1}{8}$ in. wide and 2-1/16 in. deep inside. Track supported by steel hangers and malleable brackets spaced 30 in. apart. Track lengths, 4, 6, 8 and 10 ft. Two styles, adjustable and plain.
No. 911—"Bird Proof" Track, per 100 ft..... \$34.40
No. 902—Non-adjustable Trolleys, per set..... 2.95
No. 1467—Adjustable Trolley, per set..... 3.40
No. 1337—"Bird-Proof" Track Hangers and Brackets, per set

No. 1285—"Bird-Proof" Double Track Hangers and Brackets, per set

Roll-Easy Track No. 487

Track is best high carbon steel 3/16 in. x 1 1/4 in.—furnished in 4 ft., 6 ft., 8 ft. and 10 ft. length—ends of track section dovetail. Hooded flexible hangers.

No. 487—"Roll-Easy" Door Track, per 100 ft..... \$15.40
No. 1477—Flexible Hangers, per set



trolleys: 12 ft. opening, 1 set No. 1435 plus 4 pieces 6 ft. track and 2 sets of trolleys.

No. 1435—Gable Hay Door Fitting complete, each... \$8.65

LOUDEN GARAGE DOOR SETS

"E-Z Over" Door Set No. 3136

The best in Overhead Door Hardware equipment—it is the modern way to make the garage and other buildings more convenient and attractive—by merely pressing on the upper part of door the handle is brought within easy reach. From there on a light pull and the door floats into position—just as easily lowered.

Set includes: 8 ft. 0 in. Double V Track—2 bent channel tracks—2 truss angles, 7 ft. 8 in., 1 1/2 in. x 1 1/2 in. x 1/8 in.—weight box and cable clamp—2 roller arms—4 pulley assemblies—1 trolley assembly—2 latch chain plates (2 in. square)—3 handles—chain latch set—pull down rope—5/16 in. x 2 1/4 in. carriage bolts—8 5/8 in. F.H. and 18 3/4 in. R.H. Wood Screws—36 ft. cable. Set will operate on any height door from 6 ft. 6 in. to 8 ft. Not recommended for any door wider than 8 ft.
No. 3136—"E-Z Over" Door Hardware Set, per set... \$35.20



"Around-the-Corner" Garage Door Set No. 1273

Every inch of floor space usable with the Louden "Around - the - Corner"—only 1 in. clearance needed between bumper and door. Set includes: track for 8 ft., 10 ft. or 12 ft. openings; 3 adjustable trolleys; six 6 in. strap hinges; 1 hinge hasp and staple; 2 door handles; 1 wall and 2 floor stay rollers; nails and screws to erect set.

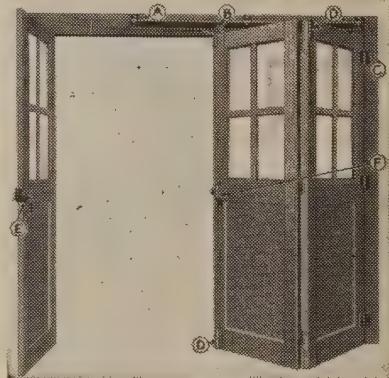
No. 1273—Garage Door Set for 8 ft. door, per set \$9.10
No. 1273—Garage Door Set for 10 ft. door, per set \$9.70.
No. 1273—Garage Door Set for 12 ft. Door, per set \$10.35.



"Fold-Away" Garage Door Set No. 1425

The simplest garage door set on the market to install, all working parts inside the garage, protected from weather. Set includes: track for 8 ft. or 10 ft. openings; 1 roller bearing swivel trolley with offset and adjustable arm and door strap; 2 chain latches complete; 2 door handles, one with latch and hasp; 9 butt hinges 4 in. x 4 in.; necessary screws, bolts and staples.

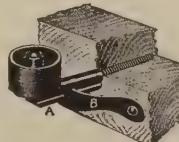
No. 1425—Garage Door Set for 8 ft. Door, per set... \$7.40
No. 1425—Garage Door Set for 10 ft. Door, per set... 7.70



Hay Door Fittings

Permits easy opening and closing of mow hay door. Set includes necessary clamps, pulleys, cable, wall brackets, bolts and screws. "Bird-Proof" No. 911 track included. Guide rail (3/4 in. steel tubing). For 8 ft. opening use one set No. 1435 plus 2 pieces 8 ft. track and 2 sets of trolleys. 10 ft. opening, 1 set No. 1435 plus 2 pieces 10 ft. track and 2 sets of trolleys: 12 ft. opening, 1 set No. 1435 plus 4 pieces 6 ft. track and 2 sets of trolleys.

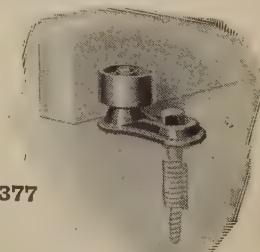
No. 1435—Gable Hay Door Fitting complete, each... \$8.65



No. 456



No. 457



No. 1377

Stay Rollers

No. 456 Screw Type—Screws into wall to fit thickness of door, brace prevents slipping. Roller 1 1/8 in., each 46c.
No. 457 Slide Type—Adjustable to thickness of door by setting nut. Roller 1 1/8 in., brace 4 in., each 60c.
No. 1377 Concrete Anchor Type—Adjustable with 1 1/8 in. gray iron roller. Anchor bolt with spiral furnished, each 60c.

GATERMAN Multi-Crop SWINGING WINDROWER

Fits all Makes of Horse-drawn, Tractor and Trailer Mowers

FROM STANDING CROP TO WINDROW
IN ONE OPERATION

Mowing and windrowing in one operation is your short-cut to profits! The extra operation of raking is no longer necessary. Stones and trash usually gathered are eliminated.

Here is the first and only all-crop windrower ever developed. You actually air-condition or cure crops within two days under average conditions. Damp stems are left exposed to the air. Seed and nutritious, palatable leaves are protected on the inside from over-drying, bleaching and shattering. Cutting speed is stepped up because you clear the track, avoiding clogging the cutterbar with the cut crop on every round.

A Gaterman air-conditioned crop brings you more money. In many sections, progressive farmers are finding that in order to obtain top quality grain and seed crops, curing in the windrow is essential before combining. Windrowing crops when ready for harvesting, and picking up later also lengthens your combining season. Pick-up Guards attached to the combine feed windrowed swaths into the machine.

Swinging Windrowers on mowers and tractor mowers successfully harvest green alfalfa, clover, peas, soybeans,



flax, vetch, beans, sweet clover, grain, lespedeza, buckwheat and other crops for hay silage or seed. Cutting speed is increased and swaths can be easily picked up with a hay loader, sweep rake, forage harvester, pick-up cutter, combine or hay baler.

No. 9—5 ft.....	\$20.75
No. 9—6 ft.....	23.00
No. 9—7 ft.....	27.50

GOLDEN ROD HYDRAULIC PUMP OILERS "DELUXE"



World's finest hydraulic oiler. Extra heavy welded steel construction. One-piece natural-grip steel handle. Strongest known spout with replaceable tip. Precision built all metal rust-proof pumping assembly. Handles any oil that flows—from gasoline to heaviest oils. Leak-proof and pumps oil when held in any position. Delivers 1 to 150 drops per stroke as desired—no waste. Produces 250 lbs. tip pressure. Easily taken apart for cleaning or repairing.

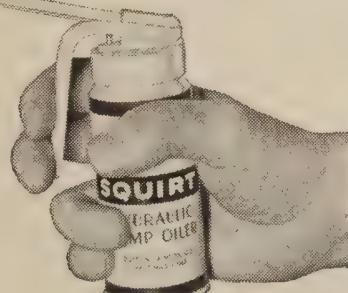
No. 105— $\frac{3}{4}$ pt. with 6" Spout.....	\$1.50
No. 120-A3—2 pt. with 15" Flexible Spout	2.90
No. 120-C3—1 pt. with 10" Flexible Spout	2.40



"SQUIRT"

"The Baby Oiler of a World Famous Line of High Grade Pump Oilers"

No. 100— $\frac{1}{4}$ pt. with 4 $\frac{1}{2}$ " Spout	\$1.25
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HUSKING-PINS

No. 7-Y. With cot more open between the fingers. Grain leather.....	30c
No. 100-Y. Cold rolled steel, 4 $\frac{1}{2}$ ", nickel-plated pin, with split leather shield, double compartment, and adjustable finger-strap.....	25c
No. 00-X. Clark's "Hickory" Pin, 4 $\frac{1}{2}$ ", made of best cold rolled steel, with one compartment.....	15c



Instead of
Fragile Glass
use Unbreakable
CEL-O-GLASS

THE NEW UNBREAKABLE GLASS

It is the most economical and practical glazing material on the market. It replaces ordinary fragile—costly glass for nearly every purpose. It is made of coarse mesh galvanized wire cloth, treated in such a manner that the spaces between the strands are filled with a clear translucent flexible substance that will not rub off, peel or become brittle. It is not affected by weather conditions. 36 inches wide. 50c per running foot.

50 ft. Roll	\$18.50
100 ft. Roll	37.00

GALVANIZED STEEL STOCK TROUGHS



These Troughs will not rust or corrode and will not damage by freezing.

Length	Width	Capacity	
4 ft.	16 in.	24 gals.	\$17.25
8 ft.	16 in.	48 gals.	24.50
4 ft.	20 in.	40 gals.	21.25
6 ft.	20 in.	60 gals.	25.50
8 ft.	20 in.	80 gals.	29.50
10 ft.	20 in.	100 gals.	36.00

HEAVY CAST-IRON HOG TROUGHS

No danger of bursting in winter. 11 inches wide at the top, 2 inches at bottom, and 5 inches deep. Made from 2 to 8 ft. long. per ft.

ALL PRICES F. O. B. BALTIMORE
SUBJECT TO CHANGE WITHOUT NOTICE

ASEPTIC MILKING TUBES



For Cows with Sore Teats

Insert one in the teat and the milk will flow.
Self-retaining 25c

PURPUR WAX TEAT DILATORS

Box of 18 25c

SANITARY MILK STRAINERS

Made from heavy steel pressed in one piece, has heavy removable perforated steel well-tinned discs, between which you use the Sanitary cotton filter pads.
No. D512—12 qts. \$1.95
No. D614—14 qts. 2.65

Strainer Pads. Cheese cloth facing for sanitary milk strainers.
No. PC106—6", Pkg. of 100

\$1.00
No. PC106½—6½", Pkg. of 100
\$1.10



MILK KETTLES

Seamless cover and neck, bottom reinforced with steel band.

No. D304—4 qt. \$1.75
No. D308—8 qt. 2.25
No. D312—12 qt. 2.75



DAIRY PAILS

No. D110—10 qt.	....	\$ .70
No. D112—12 qt.	....	.75
No. D5212—12 qt.	....	1.20
No. D5214—14 qt.	....	1.25
No. D7512—12 qt. seamless.	....	3.10
No. D7514—14 qt. seamless.	....	3.25
No. G214—Heavy Galvanized Farm Pail	....	\$1.10



CEDAR CYLINDER CHURN

There are a number of Cylinder Churns on the market sold at a lower price, but they are made of pine or other inferior wood, while these are all of selected cedar, free of knots.

No. 1—3-gal.	....	\$ 7.00
No. 2—4-gal.	....	7.25
No. 3—7-gal.	....	9.50
No. 4—10-gal.	....	11.25

BUTTER COLOR

The best Butter Color on the market. Small bottle, colors 500 lbs. 35c; large bottles 65c.



FLOATING DAIRY THERMOMETERS

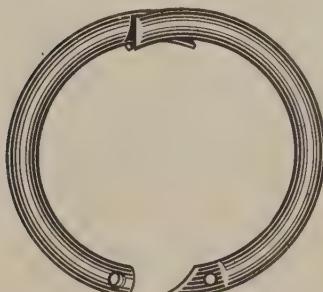
60c Each

MILK BOTTLE CAPS

Package of 500 50c; postpaid.	....	\$ .65
Package of 1000 95c; postpaid.	....	1.20

PARCHMENT BUTTER PAPER

We handle only the very best quality cut in the following sizes: 6x9 for ½ lb. prints. 9x12 for 1 lb. prints. Per lb. 45c; by P. P. 53c; 5 pounds \$2.00; by P. P. \$2.15.



BULL RINGS

Copper 2½ in., 35c. Postpaid 45c each; 3 in. 40c. Postpaid 50c each.

BAG BALM

For teat and udder ills and all farm healing, combines the virtues of a refined, medicated ointment with an exclusive, liniment-like oil that penetrates and promotes quick healing. For caked bag, cowpox, chapped, cracked and sore teats, bunches, chafing and inflammation. 75c.



CARBOLA—DDT

A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. Contains DDT. 5 lbs. (2½ gals.) 75c; 10 lbs. (5 gals.) \$1.25; 50 lbs. (25 gals.) \$4.85.

KOW-KARE

The concentrated tonic, conditioner and regulator to promote assimilation, aid low-cost milk production and build up vigor for calving. A small dosage daily is a valued aid in getting more milk from the same feed, and averting many ills that threaten loss of dairy income. Give Kow-Kare for a few weeks before and after calving and you will save many worries at this critical time. Small size 75c; large size \$1.35.

DR. BLACKMAN'S MEDICATED LICK A BRICK SALT BRICK

Price 30c each

SUGAR CURING MEAT SALT

Sterling Sugar Curing Meat Salt is made from highest quality evaporated salt, brown sugar, salt-peter and spices, refined condensed wood smoke. It eliminates the necessity of smoking as a part of the cure.

10 lbs. will cure about 100 lbs. of meat.	....	\$1.00
7½-lb. can	....	1.25
Quick Cure—7½ lb.	....	2.50
Pump	....	.45
Sausage Seasoning—10 oz.	....



B. K. POWDER

DISINFECTANT DEODORANT

B-K is a chlorine powder which, because of its germicidal and bactericidal action, enables the dairy farmer and milk plant operator to keep his equipment sanitary and helps to reduce bacteria counts in milk. B-K may be used in hot or cold water. 1¾ lb. \$1.50.

GENERAL MANUAL KLEANSER

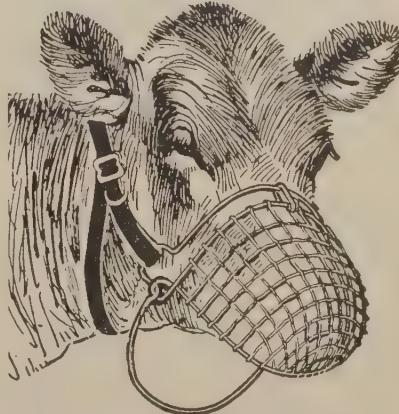
A SOAPLESS WASHING POWDER FOR WASHING DAIRY UTENSILS AND EQUIPMENT BY HAND

This modern cleanser is especially adapted to cleaning in both soft and hard waters. It forms suds, cleans rapidly, penetrating milk film, and rinses readily without leaving sediment or streaks on the utensil.

5 lb. Pkg.	....	\$ .75
10 lb. Pkg.	....	1.45
125 lb. Drum	....	14.50



SHAW'S CALF WEANERS



The SHAW'S CALF WEANER is thoroughly practical. The action is entirely in the basket, it being hinged to the end of the nose piece. The basket is made of heavy galvanized wire, with extra bars running through. The halter that goes over the neck is made of solid leather, and can be adjusted to suit the calf's head.

Prices: No. 1, 75c. No. 2, 85c. No. 3, \$1.00.

HAWKINS FLOATING TRACTOR SEAT MOUNT

Farmer uses own tractor seat. Easily installed on any tractor.

On most tractors, simply remove the seat, bolting the mounting where the seat was and then fastening the seat on the floating arm.

On the Fordson tractor the mount sits on the frame.

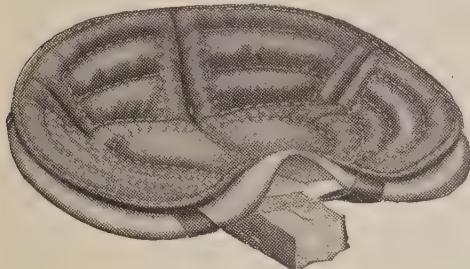
No bucking, no jolts, no side wacks.

It permits the operator to actually "float free." It gives the operator a level seat at all times whether on side hills or plowing deep furrows. You can't hit bottom. Seat "cushion" is easily adjusted to man or boy by increasing or decreasing spring tension. \$9.95.



TRACTOR & IMPLEMENT CUSHION

TA-PAT-CO cushions are made from fine quality heavy padded with genuine deer hair and jute to insure maximum resiliency. All are equipped with strong web tie tapes.



T.C. 200 — This bucket type has extended back and high shaped sides to fit new type tractor and implement seats. Cushions both hips and back. \$2.00

A.C. 100 — Flat type for implements and flat type tractor seats. Shaped for maximum comfort and ease. \$1.10.

SWEAT-PADS

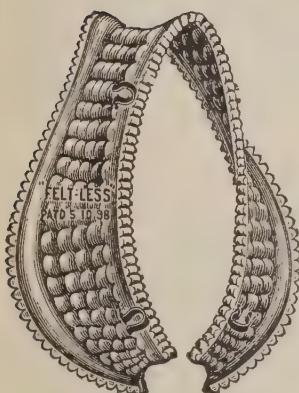
Felt-less

Pinked felt edges; composite filling; four hooks; old-gold drill. Best on the market.

18 and 19 inches.....\$1.00
20 and 21 inches.....1.05
22 and 23 inches.....1.15

HAME-STRAPS

1-in., riveted.....\$0.50



LEATHER HALTERS

Horse Halters. 1 1/4 in., riveted leather. \$2.35 each.
Cow halter\$2.00

IRON TRACE-CHAINS

7 1/2-8-2 with hook.....\$1.40
Per pair

COW-CHAINS

No. 2-0. Bulldog Cow Tie, (Ohio pat.)35c

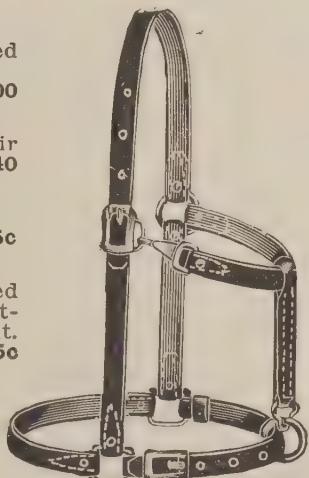
OIL-CANS

No. 77. Made from cold rolled steel. Clock spring steel bottoms. Straight or Bent Spout. 15c

OPEN SIDE-LAP LINKS

Polished; 1/2 x 2 1/2 in., open end. 15c each.
5/8 x 2 1/2 in., side open, 20c each.

1/4-10-2 Repair Links 30c doz.



AXLE GREASE

1 lb.\$.15
10-lb. pail\$1.25

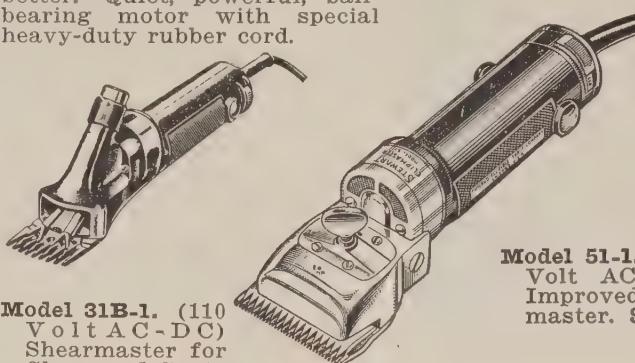
STEWART CLIPPING MACHINES

NEW COOL CLIPMASTER AND

SHEARMASTER

For Cows, Horses, Mules, Dogs, Sheep

Here's the greatest advance in 50 years. Two multiple-leaf steel springs fixed at the back of the clipper head hold the top blade against the bottom blade at the right degree of tension, cushioning the movement of the top blade and making the Model 51 the most silent, smooth running clipper ever made. Permits easier adjustment of tension. Reduces friction. Blades stay sharp longer. Runs lighter, easier, cooler, clips faster and better. Quiet, powerful, ball-bearing motor with special heavy-duty rubber cord.



Model 51-1. (110 Volt AC-DC) Improved Clipmaster. \$32.50.

F.O.B. Baltimore

Extra Blades and Parts for Stewart Clipping Machines

No. 83AU—Top Blade for No. 51.	\$1.45
No. 84AU—Bottom Blade for No. 51.	1.95
No. 90—Top Blade for D1, D2 and C1.	1.65
No. 99—Bottom Blade for D1, D2 and C1.	2.15
No. 360—Top Blade for B1.	1.65
No. 361—Bottom Blade for B1.	2.15
No. 4HB—Shearmaster Comb.	1.25
No. 4HA—Shearmaster Cutter.	.55
No. 277—Narrow Comb.	1.25
No. 276—Narrow Cutter.	.55

HOG RINGS

Pig-Rings.

Box of 100....15c

Shoat-Rings.

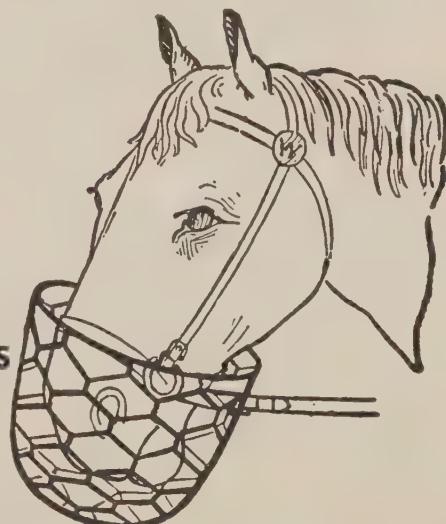
Box of 100....15c

Hog-Rings.

Box of 100....15c

Hog-Scrapers.

each25c



HORSE MUZZLES

No. 2 Heavy
Galvanized
wire 20c each.

KEYSTONE DEHORNING CLIPPER



The practice of dehorning cattle is coming more into vogue. It is a mercy to the animals. Prevents goring. The blades on the Keystone are made of best steel. No twisting motion or second cut on horn. Parts are all interchangeable, and can be replaced. It is approved by veterinary surgeons and leading dairymen. The horns must go, and they cannot go too soon.

Clipper with extra blades and screw, fully warranted.
Our special price.....\$22.00

GARBAGE CANS

Hot Dipped
Galvanized

No. 706—Bale Lock Cover, 6-gal.	\$2.10
No. 708—8-gal.	2.40
No. 710—10-gal.	2.55
No. 720—20-gal.	4.00



ASH CAN

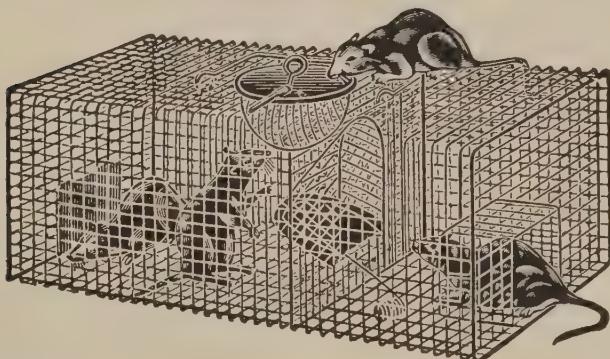
With Cover
Drop-side Handles
Hand Dipped
Galvanized

No. 515—15-gal.	\$9.25
No. 518—18-gal.	10.50
No. 520—20-gal.	11.25

HANDY GALVANIZED PAILS

No. 1102—10-qt.	\$0.70
No. 1122—12-qt.	.75

KATCH-ALL RAT TRAPS



18 inches Long
8 inches Wide

7 1/4 inches High
2 x 2 Mesh Cloth

The principal feature of these traps is the bait cup which keeps the trap permanently baited, and does not allow the animal to eat the bait.

Each \$1.35

TANGLE PROOF TIE-OUT POSTS

All Steel—Cadmium Plated—Rust Proof

Impossible to tangle in any way. Has swivel snap welded on free turning sleeve. Easy to hook chain on or off. Swivel keeps chain from kinking. Simply drive in ground, tethering dogs, goats, ponies, cows and horses.
1/2-in. Post, 20 in. long, 16 in. in ground..... \$1.65
5/8-in. Post, 24 in. long, 20 in. in ground..... 1.85



FARM BASKETS

Rubber Coated

Heavy rubber coating prevents bruising and damage to crops. Ideal for potato harvesting, handling all types of fruits, vegetables, root crops and eggs. Provides a weatherproof coating that will not mark the eggs. Cushion effect of the rubber reduces egg breakage. Wire construction prevents collection of dirt and debris. Comfortable, easy-grip handle.

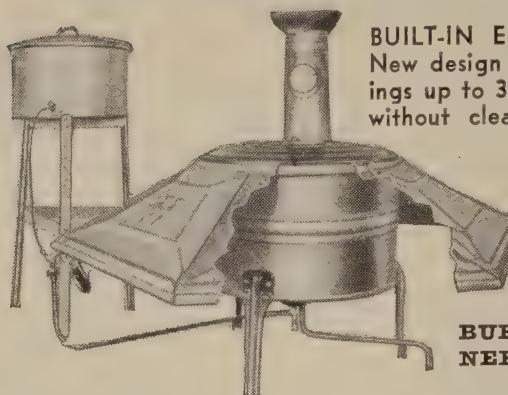
5/8-Bu., Rubber Coated	\$3.00 each
5/8-Bu., Rubber Coated	2.75 each
1/2-Bu., Wire	1.25 each

"MOTHER-HEN" OIL BROODER

BUILT-IN EFFICIENCY

New design burners. Fuel savings up to 30%. Works better without cleaning. Choice of

3 hover sizes.
Automatic operation. Micro-Tem Temperature Control.



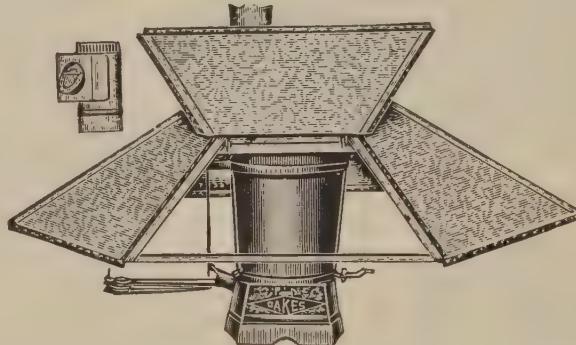
BURNER NEVER NEEDS CLEANING

This new, scientifically designed burner is draft proof and efficient. It gives a steady, intense heat, never needs cleaning. Three hover sizes—48", 54" or 66"—according to quantity and size of chicks. All sizes interchangeable on the same stove. The 6-gallon oil tank (average 2 days' fuel supply) reduces refueling service.

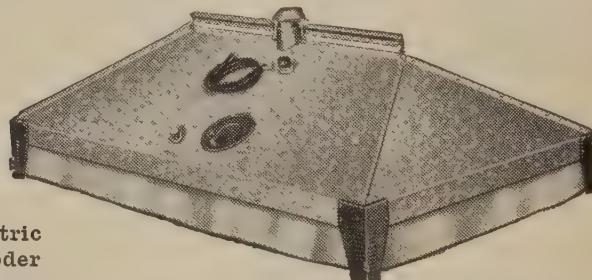
Specifications: Includes pipe cap, draft regulator, oil tank, copper tubing, valve and all necessary fittings. Heavy-gauge, ribbed reinforced blue-steel drum 22" diameter, 13" deep. Edge of hover 11 1/2" from floor.

No. 1200—Mother-Hen Brooder. (No Hover)	\$17.95
No. 1248—375 day-old chicks. 48" hover.	4.40
No. 1254—500 day-old chicks. 54" hover.	5.60
No. 1266—750 day-old chicks. 66" hover.	7.55

PREMIER COAL BROODER



No. 40A—Coal capacity, 75 lbs.; height, 28 1/4 in.; grate, 10 5/8 in. Galvanized canopy, half-hinged, 62 in. Price \$33.15



Electric
Brooder

Evenly Distributed Heat. Two powerful enclosed heating elements provide plenty of heat throughout the brooder. An outside pilot light tells when heat elements are on.

Automatic Temperature Control. Desired temperature maintained by positive thermostat control. Insulation is moisture-resisting and helps reflect heat rays downward into the brooding area.

Easy to Use, Convenient. Handy inspection door. Plenty of room inside for feeders and fountains up to 2-gallon size. Detachable heavy duck curtain. Adjustable legs allow extra head room as chicks grow. Hover slopes to prevent roosting. Plugs into 110-120 volt A.C. socket. Complete with cord and plug.

No. 4872—500 day-old chicks.	1,100 watts.	48x72 in.	\$46.40
No. 4848—300 day-old chicks.	700 watts.	48x48 in.	\$36.00

CELLULOID LEG BANDS



No. 1—Asiatics.	3/4 in.	15c per doz.
35c for 50; 60c per 100.		
No. 2—Americans.	11/16 in.	15c per doz.
35c for 50; 60c per 100.		
No. 3—Mediterraneans.	9/16 in.	15c per doz.
35c for 50; 60c per 100.		

DOUBLE UNIT WAFER THERMOSTATS

No. 297—3 inches	.....	35c Each
No. 298—4 inches	.....	45c Each
No. 299—5 inches	.....	55c Each

Double Wall

This is a big value 5 gallon fountain. Substantial, yet inexpensive. Simple construction, all brass self-closing valve holds water in tank when jacket is removed. Fitted with inside carrying handle. Saucer-shaped wade-proof pan. Roost-proof high-dome top.

No. K3—3 gal. Fountain. Height 15 in. Pan 11 in. diam. \$2.40.

No. K5—Fountain. 5 gallon; height 17½ in. overall; pan 15 in. diam. \$3.55.

No. K5H—Fountain. K5 Fountain with 5H Heater. \$6.35.



No. K5



Glass Jar Fountain

Less Jar 15c Each.

Single Wall



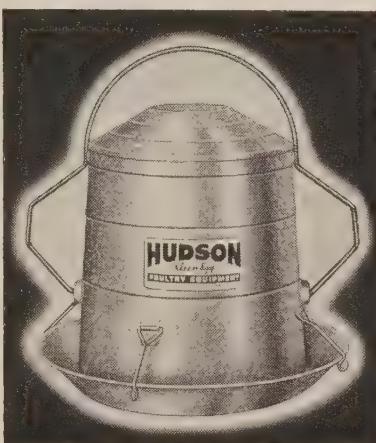
No. C3—3 Gallon

The handle is reversible and top part of fountain forms a pail which may be cleaned, filled and carried at will. Made of heavy galvanized steel, easy to keep clean. Drinking pan is one piece, has smooth rolled edge especially designed for small chicks.

No. C3 Fountain. Capacity 3 gallon. Height 12½ inches, 11 inches diameter. \$1.80 Each

No. C5 Fountain. Capacity 5 gallon. Height 14 inches, pan diameter 15 inches. Fine for broilers and hens. \$2.45 Each.

No. C5H Fountain (Heated). C5 Fountain with 5H Heater. \$5.25 Each.



No. C5—5 Gallon

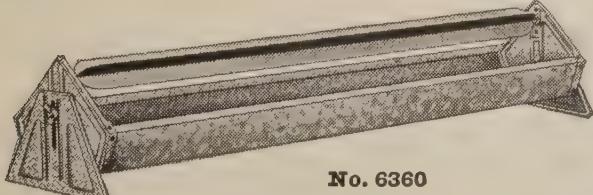


No. 224

Die formed from heavy galvanized steel. Trough 1¾ in. deep, 2½ in. bottom width; 4¼ in. top width; feed-saving lip. Reel floats in either of two positions on shouldered reel pins. Prevents injured chick toes.

No. 118—18 in. 23c

No. 224—24 in. 38c



No. 6360

Stands permit quick adjustment of feeder as chicks grow. 4-blade red enameled reel floats on shouldered reel pins. Adjusts to three convenient positions according to chick size. Welded ends. 2 in. deep, 4 in. top width, 3 in. bottom width.

No. 6360—36 in. 98c

HUDSON FOUNTAINS, FEEDERS

FLOAT VALVES

FRESH WATER ALL THE TIME



No. 168. Automatically regulates flow of water into a drinking pan. Made of brass. Float and arm may be raised while pan is removed for cleaning. Valve threaded for both ½ and ¾ in. pipe and can be attached to any water pipe, bowl or tank. Will operate on pressure up to 50 pounds. Capacity about 2½ quarts a minute. May be used with any type crock, pan or trough. One in carton. Weight 1 pound. \$1.20 Each

Single Wall

A Handy-Fill Chick fountain equipped with a snap-on cupped pan. This provides more drinking space. Cups are designed to prevent chicks getting in the water. The fountain is inverted for filling. Can be carried when full without spilling. Equipped with carrying handle.

No. A4 Fountain. 1 gallon. \$0.95

No. A8 Fountain. Capacity 2 gallons. \$1.25

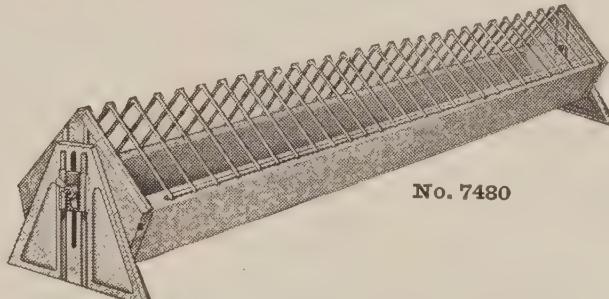


No. A8

BROILER FEEDERS

Extra Large Feeder with fully adjustable metal stands and adjustable 4-blade reel. Day old chicks to well past broiler age. Feeder trough 2½ in. deep, 4½ in. wide at top. ¾ in. feed saving lip. Welded ends.

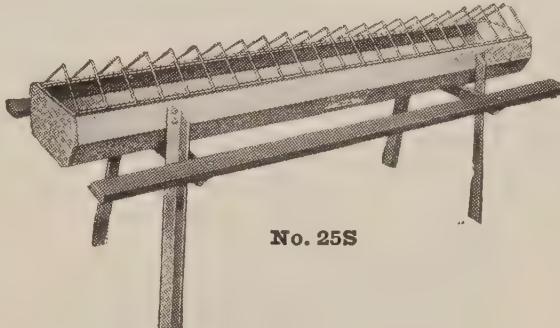
No. 5480—48 inches. \$1.60 Each



No. 7480

Chicks two weeks of age until finished broilers. Raise stands as chicks grow. Extra large capacity steel trough. 6½ in. top width, 3 in. depth, 1 in. feed saving lip, no rough edges. Hinged grill, wires spaced 1⅓ in. on center. Welded ends.

No. 7480—48 inches. \$2.15 Each



No. 25S

High grade substantial, inexpensive feeder suitable for growing birds and full grown stock. Handles dry mash, grain, shells, grit, and other feeds. Easy to keep clean—easy for hens to clean up feed. No sharp or rough edges. Convenient hinged grill. Wires spaced 2⅔ inches. Stands 16 inches from floor.

No. 25S. 5 feet long. Trough 9 inches wide, 4½ inches deep, holds 40 pounds or 4½ pecks dry laying mash. Serves 60 hens. \$5.75 Each

No. 28S Feeder. 8 feet long. Trough 9 inches wide, 4½ inches deep. Holds 64 pounds or 7 pecks of dry laying mash. \$8.80 Each

No. 350 Feeder. A popular feeder for growing and grown stock. Capacity 40 lbs. or 1½ bushels. Trough is 9 inches wide, 4½ inches deep, 1 inch feed saving lip. All edges folded or curled to make smooth sturdy feeder. Fitted with sturdy tinned wire grill hinged for convenient filling and cleaning. Mounted on 9 inch channel steel legs, braced and supported. 5-foot length. \$3.55 Each

NATIONAL IDEAL POULTRY EQUIPMENT

No. 500D—DeLuxe Electric Brooder is "the finest of them all." Finer because of generous size, 48 x 72 inch; its big 22 inch twin reflectors and heaters; its heavy, pre-war metal cover; and triple insulation. 500 chick capacity—1,000 watts—shipping weight set up 110 lbs. \$43.50.

No. 350D—48 x 50 inches—350-400 chick capacity—800 watts—shipping weight set-up 84 lbs. \$33.00.

No. UB42—The new all galvanized steel Chik-Saver Electric Brooder. This full sized Brooder with about 1,600 square inches of floor space is fully insulated. 36 x 42 inches—200 chick capacity—500-watt heater—Shipping weight 43 lbs. \$16.95.

No. UB50—Battery Brooder.—Heavy galvanized steel construction throughout—24 and 26 gauge. 31 inches wide by 41 inches long by 11 inches high—overall size. 24 in. by 36 in. with 9½ in. headroom. ½ inch mesh metal floor with heavy welded frame. Heater—150-watt, mica insulated, nichrome heater; bi-metal switch. Two 21 in. feed troughs and one 21 in. water trough. Three special formed grills—painted red. 100-125 chick capacity. Shipping weight 35 lbs. \$13.95.

No. 302—Battery Brooder.—Overall width 32½ inches. Length 40¾ inches. Height 11½ inches. Feed and Water Troughs length 22 in., width 4¾ in., depth 2 in. Heat furnished by circular 150-watt Aera heat unit. Temperature controlled by Micro Switch and Wafer Thermostat, easily and accurately adjustable. Receptacle furnished for pilot light. Bulb not furnished. 100 day-old chicks. \$14.00.

FOUNTAINS, FEEDERS

61—Feeders, each	\$0.33
62—Feeders, each .....	.43
B-30—30 in. Feeders, each.....	.60
B-42—42 in. Feeders, each.....	.75
51—42 in. Feeders, each.....	1.65
60-FS—5 ft. Feeders, each.....	5.45
WDL-8—8 ft. Feeders, each.....	10.75
W-22—2 gal. Fountains, each.....	2.00
W-23—3 gal. Fountains, each.....	2.30
B-132—1 gal. Fountains, Glass, each.....	.65
41-E—13¾ x 3¾ Pans and Grills, each.....	1.10
45-E—17¼ x 4½ Pans and Grills, each.....	1.90
FV-3—Float Valves, each.....	1.05
N-10—10 Hole Nests, each.....	11.95

C-S AUTOMATIC POULTRY WATERER

The C-S Automatic Poultry Waterer is fully automatic. No moisture or dampness around drinking fountain, no overflow and no drip. When cup is removed for cleaning, the valve automatically closes. **No other valve has this patented feature.** Valve automatically opens when cup is replaced and closes when the desired level of water is reached. This level is adjustable to suit the user.

The C-S automatic waterer will supply 1 pint of water every 1½ minutes, at a maximum. Each cup will supply 125 hens with fresh, clean water.

The C-S automatic waterer screws into any ½ inch pipe fitting. It works on any water pressure and needs no overflow drain. \$3.25 Each.

Rabbit Automatic Waterer. \$1.50 Each.

QUICKEE HAND CLEANER

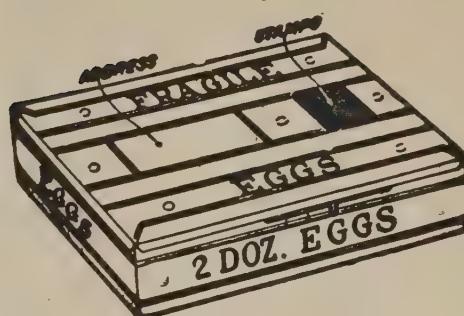
It's New
Contains
Lanolin
and
Vegetable
Oil



Quickee Hand Cleaner removes paint, grease, grime, printer's ink, carbon, glue, plastic mixtures without the use of water. Just rub this soft, creamy cleaner thoroughly on hands and wipe dry.

13 oz.	\$0.60	20 lb.	\$10.00
7 lb.	4.00	35 lb.	15.50

PARCEL POST METAL EGG CRATES



1-doz. size..	\$1.75
2-doz. size..	2.00
3-doz. size..	2.50
4-doz. size..	3.00
6-doz. size..	3.50

BOXES FOR FRESH EGGS

This is not a parcel post or express box, but is intended for counter and private use. **Eagle Egg Boxes.** Three rows for 12 eggs. 100 for \$1.90. Carton of 250 for \$4.35. 1000 for \$17.00.

EGG PRESERVATIVE (Water Glass)

1 quart will make three gallons solution, sufficient to preserve twenty dozen eggs. 1 qt. can 60c; 1 gal. can \$1.70.

TOXITE

(Liquid)

Stops bloody diarrhea and prevents losses from coccidiosis, worms, and other diseases. **KILLS** disease germs, red mites, bedbugs, and other pests. Qt. 60c; gal. \$1.75; 5 gal. drum \$6.50.

Toxite Ointment
Jar, 50c



PTZ

The new worm treatment for sheep, goats and other farm animals. Made with Phenothiazine. Has unusual power in expelling many different kinds of worms.

PTZ Pellets

13½ Gram.....	6¾c
8 Gram.....	4c
Special Forceps 50c	

25 lb. Pkg.....	\$27.50
10 lb. Pkg.....	12.00
4½ lb. Pkg.....	5.85
1¼ lb. Pkg.....	1.75
4 oz. Pkg.....	.55

PTZ Pasture Mix for Sheep
50 lb. bag \$6.50



WALKO TABLETS



FOR BABY CHICKS	
Pkg. of 100...	\$0.50
Pkg. of 235...	1.00
Pkg. of 1000...	2.50
Pkg. of 2000...	4.00

SOFENATE ALL-ROUND FARM DISINFECTANT

It's a powder, just mix with water. Ideal for dairy and all milk-handling equipment. Can be used for days because it's stable, odorless, tasteless, will not taint milk. A wonderful deodorant and germicide.

5 lb. Package.....	\$5.00
1 lb. Package.....	1.25



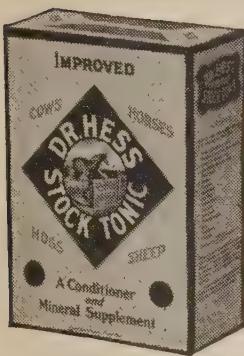
DR. HESS STOCK SPRAY CONCENTRATE

A liquid to be diluted with water. Contains DDT for residual killing effect and Thanite for quick knockdown and total permanent paralysis of flies. Spray over cows before milking. 8 oz. \$1.00; pt. \$1.85; qt. \$3.45; gal. \$13.20.



THE DR. HESS PRODUCTS

DR. HESS STOCK TONIC

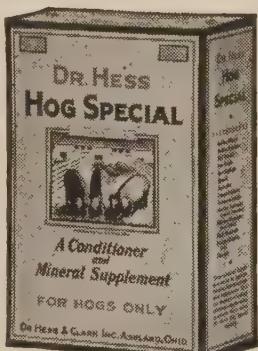


100 lb. 10 lb. Pkg... \$1.75
Pkg.... \$12.00 5 lb. Pkg... 1.00
35 lb. Pail. 4.75 2 lb. Pkg... .45

For cattle, horses, sheep and hogs. Improves appetite. Stock Tonic supplies needed minerals, tonics and vitamin 'D'. In tests conducted under average farm conditions, cows fed Dr. Hess Stock Tonic gave $\frac{1}{4}$ lb. more milk per lb. of grain consumed and feeder cattle averaged $\frac{1}{3}$ lb. more gain daily.

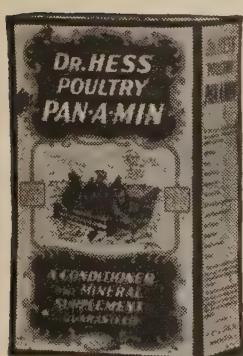
DR. HESS HOG SPECIAL

Hog Special supplies Tonics, minerals and vitamin 'D' and keeps hogs' internal organs in full function. Tests show that hogs fed Dr. Hess Hog Special reached market weight 6 to 16 days earlier and consumed 20% less feed.



100 lb. 10 lb. Pkg... \$1.75
Pkg.... \$12.00 5 lb. Pkg... 1.00
35 lb. Pail. 4.75 2 lb. Pkg... .45

DR. HESS POULTRY PAN-A-MIN



ration. Helps shorten the moulting period. Cost only 10c per hen per year.
100 lb. 10 lb. Pkg... \$1.75
Pkg.... \$12.00 5 lb. Pkg... 1.00
35 lb. Pail. 4.75 1 1/2 lb. Pkg... .35

DR. HESS CHICK TABLETS

A bowel astringent for drinking water. Used in the treatment of diarrhea in baby chicks or adult birds. As soon as tablets dissolve they stay in solution indefinitely. All the water is thoroughly medicated and remains effective until used.
Pkg. (250 Tablets) \$1.00
Pkg. (100 Tablets) .50
Pkg. (50 Tablets) .25



Dr. Hess Powdered Louse Killer

Contains DDT. Kills lice on poultry, cattle or horses. Kills fleas found on dogs, cats and other animal pets. Just punch holes in can, dust on freely and rub in as directed. (Repeat when necessary.)

7 1/2 lb. Package..... \$1.85
2 1/2 lb. Package..... .75
1 lb. Package..... .35

Dr. Hess Poultry Tablets

A disinfectant for drinking water and local antiseptic. Valuable in treating roup. Once dissolved, solution needs no further stirring.

Pkg. (250 Tablets) \$1.00
Pkg. (100 Tablets) .50
Pkg. (50 Tablets) .25



DR. HESS COXITROL FOR BLOODY COCCIDIOSIS

We firmly believe Coxitrol is a better product for both the treatment and control of Coccidiosis than any material previously used. We believe that no one can afford to risk the ravages of coccidiosis when he can use Coxitrol to aid in the control of the disease for only $\frac{1}{2}$ to 1 cent per chick.

6 lb. Package..... \$4.20
2 lb. Package..... 1.60

NICOZINE TABS

Same material as powder, but compressed into tablets. Made for those who prefer individual treatment.

1000 Tablet Package..... \$8.00
250 Tablet Package..... 2.50
100 Tablet Package..... 1.25
50 Tablet Package..... .65

NICOZINE

A single dose flock treatment for large round worms and cecal worms in poultry and turkeys. It contains the recognized specifics for both these worms. Odorless, tasteless and non-toxic. Will not knock egg production.

1000 Bird Size
(2 3/4 lb. Pkg.)... \$5.40
250 Bird Size
(1 1/2 oz. Pkg.).... 1.90
100 Bird Size
(4 2/5 oz. Pkg.). .90
50 Bird Size
(2 1/5 oz Pkg.). .50



DR. HESS UDDER OINTMENT

A soothing, penetrating emollient for injured, caked or swollen udders, chapped teats and superficial injuries.

8 oz. jar..... \$0.55
1 lb. jar..... 1.00



DR. HESS POULTRY INHALANT

An aid in expelling mucus from the upper respiratory tract and treating minor bronchial irritations in both poultry and swine. 4 ozs. makes $\frac{1}{2}$ gallon spray, enough to treat 100 birds 32 times.

Pint Bottle..... \$1.85
8 oz. Bottle..... 1.10
4 oz. Bottle..... .65

DR. HESS SIX

A new and better roost paint for the control of poultry lice and mites. SIX is superior to even the better grades of old-style roost paints, and it costs only about half as much to use. It comes in a handy spout-type container.

1 quart \$2.00
1 pint 1.25
8 oz.75

DR. HESS POL

A new chemical dehorner. Prevents growth of horns on young calves and kids. Easily applied; one man alone can do it. Relatively painless and adheres firmly, so it is not likely to be rubbed off. Bottle equipped with brush for easy application. Treat calves when 3 to 10 days old. No danger to calf or to cow's flank's or udder when calf suckles.

Bottle \$1.00

DR. HESS DIP AND DISINFECTANT

For killing sheep ticks, hog lice, poultry mites and other skin parasites of livestock. Has carbolic acid coefficient of 5. Makes milky white emulsion. Goes further and costs less than cheap inferior products. For stables, stock pens, barns, poultry houses, garbage cans—wherever there is filth, or foul odors arise.

1-gal. jug \$2.00
1/4-gal. bottle75
12-oz. bottle50

Special price in 30 and 50 Gal. Drums

DR. HESS BARN SPRAY

A 50% DDT powder. Use 1 lb. in $2\frac{1}{2}$ gallons water. This quantity will spray 2500 square feet of inside barn or stable surface. All flies settling on sprayed areas die. Long lasting. One application effective for six weeks to two months.

1 lb. \$1.20
5 lb. pkg. 5.50

DR. HESS MEDICATED POWDER

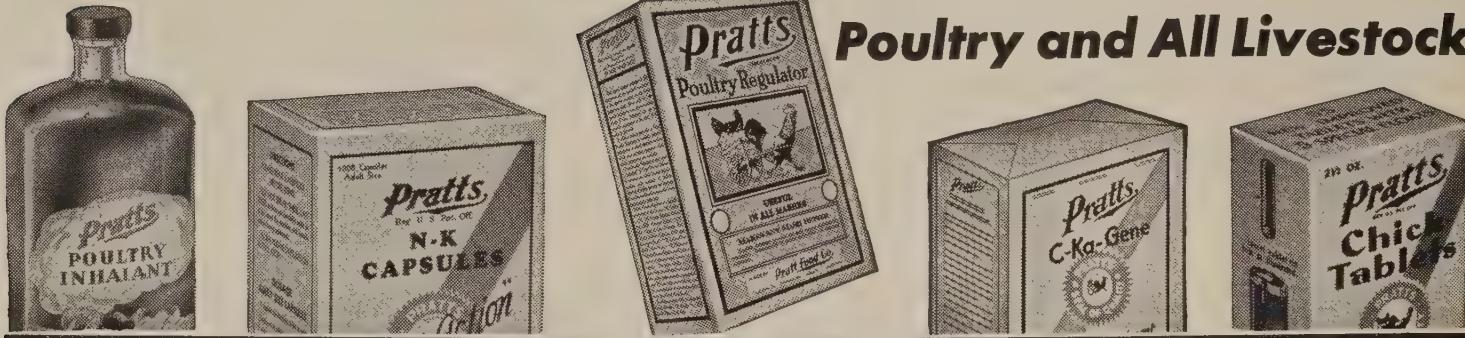
A soothing white powder for cuts, scratches, galls, skin abrasions and all surface wounds. Forms a thin protective coating and wound can start healing. Use in the home after shaving, for scalds, burns, galls and chafed skin. Dust in the shoes.

4-oz. can..... \$0.25



Richardson's
Griffith & Turner's
Wiseman-Downs'

Pratts, REMEDIES



PRATT'S POULTRY REGULATOR

Pratt's Poultry Regulator is guaranteed to produce more eggs in 15 days or money back. Just add it to your mash. Makes feed more complete. Tones up run-down birds. Prices:

18 oz. Package.....	\$0.30	12½ lb. Package.....	\$2.00
6 lb. Package.....	1.20	25 lb. Package.....	3.75
2¾ lb. Package.....	.60	100 lb. Bag.....	12.00

PRATT'S "SPLIT ACTION" WORM CAPSULES

Wormy birds seldom lay well. Get rid of worms with Pratts "Split-Action" Worm Capsules that do the work of two ordinary worm treatments at one low cost. They contain Phenothiazine and get cecum worms, too! Prices:

For Chicks and Pullets Up to 3 lbs.		For Adult Fowls	
Pkg. 50 Capsules	\$0.55	Pkg. 50 Capsules	\$0.85
Pkg. 100 Capsules	1.00	Pkg. 100 Capsules	1.50
Pkg. 500 Capsules	3.75	Pkg. 500 Capsules	5.50
Pkg. 1000 Capsules	6.50	Pkg. 1000 Capsules	10.00

PRATT'S C-K-GENE

STOP HEAVY LOSSES FROM BLOODY COCCIDIOSIS
with Pratts C-Ka-Gen, a highly effective flock treatment that works by the new immunity (permanent protection) method. Prices:

1¾ lb. Pkg.	50 Chick Size.....	\$0.85
3½ lb. Pkg.	100 Chick Size.....	1.50
8¾ lb. Pkg.	250 Chick Size.....	3.25
17½ lb. Pkg.	500 Chick Size.....	6.00
100 lb. Pkg.	3000 Chick Size.....	28.00

PRATT'S ROOST PAINT

Just apply Pratt's Roost Paint to the tops of the roosts and the cross arms. Kills lice both by fumes and contact. Effective under all hen house conditions. Prices:

3¼ oz. treats 100 ft. of Roots.....	\$0.50
½ pt. treats 240 ft. of Roots.....	1.00
1 pt. treats 480 ft. of Roots.....	1.75
1 qt. treats 960 ft. of Roots.....	2.50
1 gal. treats 3840 ft. of Roots.....	7.50

PRATT'S CHICK TABLETS

They protect the drinking water all day . . . not for just a few hours. Prices: 35c; 70c.

PRATT'S IN-TES-TROL

1 pt. bottle.....	\$0.75	1 qt. bottle.....	\$1.25
1 gal. bottle.....	\$3.50		

PRATT'S FARM BUILDING SPRAY (25% DDT emulsion)

1 qt.	\$1.55	1 gal.	\$5.00
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PRATT'S PIK-NO-MOR

Control Cannibalism with Pratt's Pik-No-Mor. This distasteful salve is usually very helpful in controlling outbreaks of cannibalism toe, feather and vent picking in chicks and adult fowls. Prices: 30c; 60c; \$1.35.

for

Poultry and All Livestock

PRATT'S INHALANT

For quick relief from the symptoms of simple colds and catarrh in poultry. Its "water soluble" medication mixes with the watery secretions of the nasal tract whereas "oil base" inhalants would leak right out. Prices:
1 pt. bottle.....
1 qt. bottle.....
1 gal. bottle.....
5 gal. carboys.....

PRATT'S R-P TABLETS

For use in the drinking water of adult birds. Prices: 30c; 60c.

PRATT'S POULTRY WORM POWDER

A new kind of worm powder. Controls both large round and cecum worms. Contains Phenothiazine . . . an intestinal astringent . . . and a tonic to aid the recovery of run-down wormy birds. Prices:

4 oz. Pkg. 50 Hen Size.....	\$0.65
8 oz. Pkg. 100 Hen Size.....	1.25
2½ lb. Pkg. 500 Hen Size.....	5.00

PRATT'S POWDERED LICE KILLER

For use in poultry nest or dust boxes. Also for de-lousing horses, cows, dogs, and cats. Prices: 40c; 80c.

PRATT'S DISINFECTANT

A standard coal tar disinfectant such as all authorities recommend. For use on all poultry and livestock farms. Prices:

1 pint.....	\$0.55	1 gallon.....	\$2.00
1 quart.....	.80	50-gal. drum.....	59.40

PRATT'S ZENE-A-TROL

The kind of Phenothiazine powder discovered miraculously effective for worming hogs, sheep, cows, turkeys and chickens by the U. S. Department of Agriculture. Prices:

½ lb. Carton.....	\$1.00	25 lb. Drum.....	\$32.50
1 lb. Carton.....	1.50	150 lb. Drum.....	126.00
5 lb. Carton.....	7.00		

PRATT'S ANIMAL REGULATOR

A new kind of stock tonic that supplies the important "Trace Elements" indispensable to proper animal nutrition. Also supplies Vitamin D and common minerals. Sharpens appetite and aids digestion. Prices:

18 oz. Package.....	\$0.35	6 lb. Package.....	\$1.40
2½ lb. Package.....	.70	25 lb. Package.....	5.25
100 lb. Bag.....		\$18.00	

PRATT'S HOG POWDER

A tonic and mineral supplement formulated specially for swine. Supplies Vitamin D. 18 oz. pkg. 30c each; 3 lb. pkg. 60c each; 7 lb. pkg. \$1.20 each.

PRATT RAT KILLER

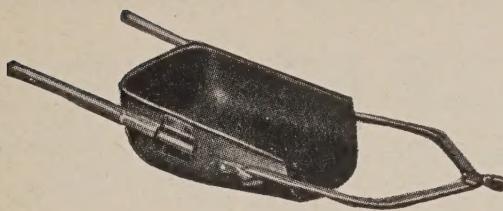
With Antu

65c; \$1.50; \$2.50.

PRATT'S CATTLE & BARN SPRAY

1 pt. bottle.....	\$1.75 each	1 gal. bottle....	\$12.00 each
1 qt. bottle.....	3.25 each	5 gal. carboys..	55.00 each

DRAG SCRAPERS



Made of heavy steel plates and are cut from a single sheet pressed cold, lapped and riveted at the corners.

No.	Capacity	Length	Width	Depth	Weight	Price
3	3 cu. ft.	29 in.	27½ in.	18½ in.	65 lbs.	\$10.00
2	5 cu. ft.	31 in.	28 in.	10½ in.	75 lbs.	11.00
1	7 cu. ft.	32½ in.	31 in.	11½ in.	83 lbs.	11.75

"ROTO-DIG" ROTARY SCRAPER

Can be used with all types of FARM TRACTORS

ONE MAN CAN DO MORE WORK IN LESS TIME!

With "Roto-Dig" hooked onto the tractor every farmer can do far more work and in less time. One man can easily operate this handy scraper. Loading and unloading, bulldozing, spreading, grading, filling . . . any type of dirt moving job is a one-man job with the new "Roto-Dig."

Welded throughout for extra strength.

Sturdily braced at all points of strain.

Bowl made of 12-gauge steel—24 in. in diameter.

Bowl braced with heavy center plate.

Special reinforcing bar for bulldozing jobs.

Heavy round end plates of ¼ in. steel.

3 adjustable stops on each end control digging, dumping and bulldozing.

6 in. high carbon steel blade.

6-hole adjustable hitch of ¾ in. steel.

Draw bars made of 3 x 2 x ¼ in. steel. Toggle baffles of 5/16 in. steel.

Finished with long wearing green paint.

Factory Length No. of Bowl	Dia. of Bowl	Capacity	Approx. Wt.	Power Needed	Tractor 1-2 plow	Price
4 RD	4 ft.	24 in.	12 cu. ft.	395 lbs.	1-2 plow	\$115.50

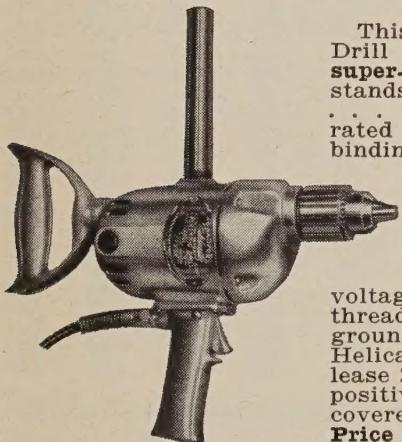
BRADFORD PRECISION ELECTRIC DRILLS

100% BALL BEARING

This sensational new ½" Drill is light, compact, and super-powerful. As a result, it stands up under toughest jobs . . . will operate far beyond rated load without stalling or binding.

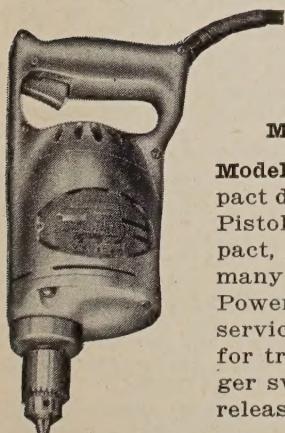
Metalmaster ½" SPECIAL DUTY DRILL

Model 49—Standard voltage 110 AC-DC. Jacobs threaded back chuck and key, ground threads on spindle. Helical gears. Automatic release 2-pole trigger switch with positive lock. 15 ft. of rubber covered 3 conductor cable. Price \$58.00.



Metalmaster ¼" PALM DRILL

Model 24—Multi-purpose, powerful, compact drill. All ball bearing. Jacobs chuck. Pistol grip. 110 or 220 volts AC-DC. Compact, light weight, streamlined drill for many uses. Helical gears throughout. Powerful motor capable of giving rugged service. Ground threads on chuck spindle for truer running chuck. Two pole trigger switch, with positive lock and quick release. Price \$38.00.



HUDSON ALL-STEEL SELF FEEDERS

Handles Even Ground Feeds Without Clogging.

Controlled Feed Flow with Inverted "V" Bottom—Gives Every Hog an Equal Chance.

Compartments to Feed Grain, Minerals or Ground Feeds at the Same Time.

Heavy Gauge Galvanized Steel—Thoroughly Braced.

Feed Protected from Rain and Rodents.

Long Lasting and Profit-Making Every Day.

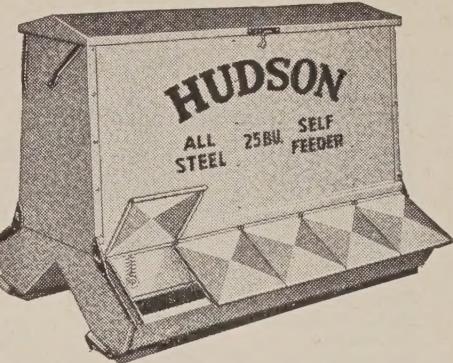
Dimensions: Overall height 44 inches. Width at trough 44 inches. Depth of hopper 40 inches. Width of hopper at top 18 inches. Width of hopper at bottom 23 inches. Doors 12 inches square. Swine experts say each running foot of trough will serve 5 pigs, but many practical farmers figure up to 10 with good results. We figure 7½ head per foot.

No. 2X5 FEEDER. For 15 head. 2-foot, 2 doors, 1 compartment. 5 bushel capacity for a supplement or small creep feeder, or in farrowing houses and pens. Weight 65 lbs. \$21.00.

No. 315 FEEDER. For 45 head. 3-foot, 6 doors, 2 compartments each with separate feed regulators. 15 bushel capacity for general purpose feeding. Weight 145 lbs. \$42.00.

No. 525 FEEDER. 75 head. 5-foot, 10 doors, 3 compartments each with separate feed regulators. 25 bushel capacity for general feeding. Weight 235 lbs. \$58.00.

No. 735 FEEDER. 110 head. 7-foot, 14 doors, 3 compartments each with separate feed regulators. 35 bushel capacity for general feeding. Weight 325 lbs. \$78.00.



HUDSON ALL-STEEL FEED COOKER

CALDRON KETTLE TYPE

An improvement over heavy cast kettles. Heavy 14 gauge boiler steel kettle has an extra thick bottom—10 gauge—will last a lifetime. Jacket is heavy 16 gauge steel, reinforced at bottom with heavy steel channel. Bottom is open. Can be used on ground or on cement floors. Fitted with steel smoke collar that will take a regular 6-inch stove pipe elbow.

Door and frame of gray iron are closely fitted, and are large enough to take in huge chunks of fuel. Steel deflector forces the flames around the entire bottom of kettle. When coal is to be burned, we recommend using our coal grate which can be furnished at a slight additional cost.

	Actual Capac. Gallons	Uses Jacket No.	Jacket Circum. in Inches	Jacket Height Inches	Shpg. Weight Pounds	Price Each
No. 3 Cooker...	45	3J	98	28	129	\$36.00
No. 4 Cooker...	60	4J	108	30	162	38.80
Coal Grates....					70	6.60

Note: Smoke pipe, elbow and damper not included.

BEST QUALITY ROPE, BINDER TWINE and FODDER YARN

Write for Prices

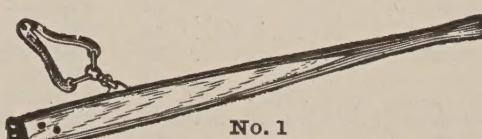
BARBED WIRE

(Write for Prices)

DIAMOND MESH POULTRY NETTING

(Write for Prices.)

WIRE STRETCHER



No. 1

Universal	\$3.00
No. 1—Townsend	2.50
Gem—C.P.B. Stretcher with rope	2.00

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**PARCEL POST RATES
From Baltimore**

ZONES

Wgt.	1-2	3	4	5
	Up	150	300	600
	to	to	to	to
	in	150	300	600
	lbs.	Local miles	miles	miles
1	\$0.08	\$0.09	\$0.10	\$0.11
2	.09	.11	.12	.15
3	.09	.12	.14	.18
4	.10	.13	.16	.22
5	.10	.14	.18	.25
6	.11	.15	.20	.29
7	.11	.16	.22	.32
8	.12	.17	.24	.36
9	.12	.18	.26	.39
10	.13	.19	.28	.43
11	.13	.20	.30	.46
12	.14	.22	.32	.50
13	.14	.23	.34	.54
14	.15	.24	.36	.58
15	.15	.25	.38	.61
16	.16	.26	.40	.65
17	.16	.27	.42	.71
18	.17	.28	.44	.75
19	.17	.29	.46	.79
20	.18	.30	.48	.82
21	.18	.31	.50	.82
22	.19	.33	.53	.87
23	.19	.34	.55	.90
24	.20	.35	.57	.94
25	.20	.36	.59	.97
26	.21	.37	.61	1.01
27	.21	.38	.63	1.04
28	.22	.39	.65	1.08
29	.22	.40	.67	1.11
30	.23	.41	.69	1.15
31	.23	.42	.71	1.18
32	.24	.44	.73	1.23
33	.24	.45	.75	1.26
34	.25	.46	.77	1.30
35	.25	.47	.79	1.33
36	.26	.48	.81	1.37
37	.26	.49	.83	1.40
38	.27	.50	.85	1.44
39	.27	.52	.88	1.47
40	.28	.53	.90	1.51

E. Miller Richardson & Co. exercise the greatest possible care in the selection and testing of all seeds and merchandise to guard against mistakes and insure reliability. We give no warranty, expressed or implied, as to the productiveness of any seeds, bulbs, plants we sell, and will not in any way be responsible for the crop. Our liability in all instances is limited to the purchase price.

No plants will be shipped C.O.D. We ship all nursery stock at the proper time for planting which may be some time after we receive your order. Unpack all plants directly as you receive them, and water. If not ready to use them on arrival, dig a hole and put them in, covering up the roots and water well.

All express or parcel post charges on nursery stock are to be paid by customer.

FERTILIZERS AND PLANT FOODS

Adco. A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25-lb. bag sufficient to make one-half ton of manure, \$2.50; \$12.00 per 150-lb. bag, sufficient to make 3 tons of manure. 7½-lb. pkg. \$1.25.

AGRICO FOR LAWNS, TREES & SHRUBS

100-lb.	\$4.00
50-lb.	2.50
25-lb.	1.50
10-lb.	.85
5-lb.	.45

AGRICO FOR BROADLEAF EVERGREENS

100-lb.	\$5.25
50-lb.	3.25
25-lb.	2.00
10-lb.	1.00

Aluminum Sulphate. For rhododendrons and azaleas. Lb. 10c; 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$3.75.

Asparagus Salt. 10 lbs. 50c; 50 lbs. \$1.25; 100 lbs. \$2.00.

Blood Meal. A quickly available, yet long lasting organic fertilizer, containing 12% Nitrogen. 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.85.

Pure Bonemeal. 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.25; 50 lbs. \$2.50; 100 lbs. \$4.50.

Cotton Seed Meal. At market price.

WIZARD BRAND COW MANURE
(Pulverized or Shredded). Prices:
5 lbs. 35c; 10 lbs. 55c; 25 lbs. \$1.00;
50 lbs. \$1.75; 100 lbs. \$3.25.

Hyper-Humus. Fine for use on lawns, under shrubbery, and on flowerbeds. It conserves moisture, puts organic matter in the soil, and cultivates bacteria. 100 lbs. \$1.75.

Lawn and Garden Fertilizer 5-10-5.
A well balanced, safe and quick acting plant food. 100 lbs. \$3.00.

Lawn Lime. Apply at the rate of 50 lbs. to 1000 sq. ft. or 1500 to 2000 lbs. per acre. 50 lbs. 75c; 100 lbs. \$1.25.

"Camelime" "Pulverized Limestone."
Packed in 80-lb. paper bags. Use 1 bag to 1,600 sq. ft.; 2,000 lbs. to one acre. Per bag 75c; 5 bags, 400 lbs. \$3.50.

Leaf-Mold. Fine for mulching rhododendrons and azaleas. Pk. 50c; ½ bu. 90c; bu. \$1.50; in 5-bu. lots, \$1.40 per bu.

Muriate of Potash. Lb. 10c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25; 100 lbs. \$4.00.

Nitrate of Soda. 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50.

Potting Soil. A rich screened soil mixed with humus for window-boxes and flower-pots. Pk. 40c; ½ bu. 70c; bu. \$1.25.

VIGORO

COMPLETE PLANT FOOD

For Lawns, Flowers, Shrubs,
Trees and Gardens

A Product of Swift

1 lb...	\$0.12	25 lbs...	\$1.50
5 lbs...	.45	50 lbs.	2.50
10 lbs...	.85	100 lbs...	4.00

Peat Moss. It corrects sandy or loamy or clayey soils so that they will hold just the right quantity of moisture and produce better plants. Bale \$4.90.

Special Rose Food. An Organic No-Filler. 100% Plant Food of Dried Blood, Fish Scrap, Bone Meal, Guano, Potash, Cotton Seed Meal, Super-phosphate and Powdered Poultry Manure. 5 lbs. 65c; 10 lbs. \$1.25; 25 lbs. \$2.65.

SHEEP MANURE, WIZARD BRAND
Prices: 5 lbs. 35c; 10 lbs. 55c; 25 lbs.

\$1.00; 50 lbs. \$1.75; 100 lbs. \$3.25.

Superphosphate. 10 lbs. 45c; 25 lbs. 85c; 100 lbs. \$2.25.

Tobacco Dust. Lb. 10c; 5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$4.00.

Tobacco Stems. 50 lbs. \$1.50; 100 lbs. \$2.50.

PLANT FOODS

are generally applied on lawns and gardens at the rate of 4 pounds to 100 square feet. An average city lot 50x150 feet should have from 100 to 200 lbs., or from 800 to 1,000 lbs., per acre.

MILLER'S

V H P F

Soluble Fertilizer

WITH SOLUBLE HORMONES

"A Little Does So Much"

Use 1 lb. to 30 gallons water

Apply as a Liquid

To start Plants and Seeds

To grow Vegetables, Flowers,
Lawns, Shrubs, Trees

More efficient - More economical
than old style fertilizer

Prevents wilting, makes bigger roots

Gives plants a quick start

Increases yields

1-lb. package	\$0.50
3-lb. package	1.00
30-lb. (cs. of 10 - 3 lb. pkgs.)	7.50

HY-GRO

3 ounce jar \$0.25

20 ounce jar 1.00

10 lb. container 4.00

RICH HIGH ANALYSIS

11-15-20

Plus Vitamin B₁

Pkg. 30 Tablets .. \$0.25

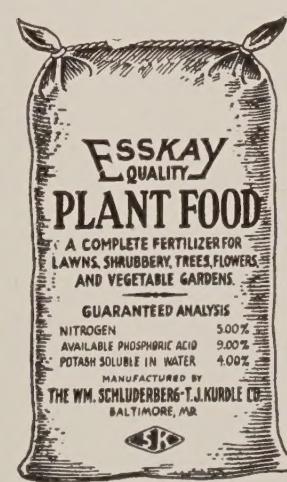
Pkg. 75 Tablets .. .50

Pkg. 200 Tablets .. 1.00

Pkg. 1000 Tablets .. 3.50



The Complete PLANT FOOD



Esskay Plant Food is a complete fertilizer, containing all of the required elements assembled in balanced proportions, and will prove a wonderful tonic for your lawns, gardens, trees, or shrubs.

Esskay Plant Food is not a temporary stimulating food. It has all the elements necessary to accelerate and complete growth.

10 lbs.	\$0.85
25 lbs.	1.50
50 lbs.	2.50
100 lbs.	4.00

"BUILD UP THE SOIL"

All Fertilizers and Plant Foods F.O.B. BALTIMORE.
Prices Subject to Change Without Notice



LAWN SEED

RICHGREEN LAWN GRASS SEED

Yearly comparative trials have proved this strain to be unsurpassed for first-class, permanent lawns. Only the finest varieties of suitable grasses are used and the seed is recleaned until it is free from chaff and weed seeds.

This seed will produce a green, smooth, deep-rooted, velvety sod with a thick bottom, free from the common grasses which produce clumps and knots on the lawn. It is used extensively on the finest estates to produce those exquisitely smooth, rich green sweeps of lawn which are so much admired. **Lb. 55c; 3 lbs. \$1.60; 5 lbs. \$2.75; 10 lbs. \$5.00; 20 lbs. \$9.50; 100 lbs. \$45.00.**

SUPERFINE LAWN SEED

This is a correct combination of triple refined imported and domestic grasses, including a liberal proportion of Bent Grass, producing a rich green turf. **Superfine** is undoubtedly the finest Lawn Seed available in this country or abroad. One pound will sow an area of 200 square feet. **Lb. 65c; 5 lbs. \$3.15; 10 lbs. \$6.00; 20 lbs. \$11.50; 100 lbs. \$55.00.**

SHADY PLACE LAWN GRASS MIXTURE

Will quickly produce an abundant and even growth of beautiful green grass in shade, and as it blends well with our Richgreen Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. **Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.90; 10 lbs. \$5.50; 20 lbs. \$10.50; 100 lbs. \$50.00.**

LAWN GRASSES should be used at the rate of one pound to 200 square feet, 100 lbs. per acre. Very much better results can be had from lawn seeding if it is done early in the spring just as soon as the soil can be conditioned, so as to allow ample time for development of a healthy root growth that will survive summer heat. **DO NOT** expect to have a good lawn on poor worn out soil. You must use lawn food.

SANDY SOIL LAWN GRASS

A carefully blended mixture of fine-bladed grasses that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one pound to 200 sq. ft. **Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.90; 10 lbs. \$5.50; 20 lbs. \$10.50; 100 lbs. \$50.00.**

PERMANENT TERRACE AND SLOPE MIXTURE

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent, beautiful slope. **Lb. 60c; 3 lbs. \$1.75; 5 lbs. \$2.90; 10 lbs. \$5.50; 20 lbs. \$10.50; 100 lbs. \$50.00.**

VELVET GREEN LAWN GRASS

This is a high quality Grass Seed that will produce a beautiful lawn. **Lb. 40c; 5 lbs. \$1.90; 10 lbs. \$3.50; 20 lbs. \$6.50; 100 lbs. \$30.00.**

WHITE DUTCH CLOVER

The best Clover for lawns. **1/4 lb. 35c; 1/2 lb. 60c; 1 lb. \$1.00; 5 lbs. \$4.75, f. o. b. Baltimore.**

*E. Miller Richardson & Co.
Griffith & Turner
Wiseman-Downs Co.*

- 114-116 Light St. • PLaza 8684-85 • Baltimore-2, Md.
- 124 North Paca St. • SARatoga 2300-01 • Baltimore-1, Md.
- 34 East Pratt St. • PLaza 3895-96 • Baltimore-2, Md.